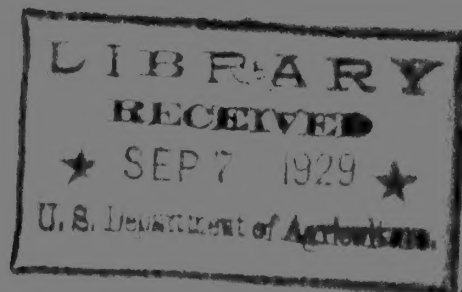


63.84
AFRICA
1929-1930



1929



A General Catalogue
of
FARM · VEGETABLE
FLOWER & TREE
SEEDS

Implements for Farm & Garden,

Animal Medicines, Fertilisers,
Insecticides, Stock Foods,
Poultry Foods &
Rural Books.

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A DESCRIPTIVE CATALOGUE
OF
FARM SEEDS
VEGETABLE SEEDS
FLOWER SEEDS and
TREE SEEDS
and
Farm & Garden Implements
with Comprehensive Lists of
Animal Medicines
Fertilisers and Insecticides
and including
A Catalogue of the latest
Books
for the
Farmer and the Gardener

Issued jointly by

THE ASSOCIATED FIRMS:

C. Starke & Co. Ltd.

*Agricultural and Horticultural
Seedsman and Nurserymen*

Mowbray, Cape Town

Tel. 585 Woodstock. Telgms. 'Seedstarke, Mowbray.'

AND

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STARKE'S "KUDU" CALF MEAL TROPHY.
For Annual Competition at
THE ROSEBANK SHOW.



Perpetual Silver Floating Trophy, value Twenty-five guineas. for calf, male or female, under twelve months, any breed. bred by exhibitor and reared on **Starke's "Kudu" Calf Meal** for at least three months prior to the Show. A miniature to

be presented to the exhibitor each year.

Winners, 1926 and 1927: Starke Bros., Mulders Vlei.

Winner, 1928: P. C. Loubser, Brackenfel.

Winners, 1929: Starke Bros., Mulders Vlei.

Descriptive Catalogue OF SEEDS FOR THE Farm and Garden

1929

It will always be our endeavour to supply the very best Seeds, true to the description given in this catalogue, but it is a condition of sale of all Seeds sent out by us, that, though we give you our assurance that we are using all reasonable care in the selection, we accept no responsibility in regard to the crop or failure of crop. All orders are booked on the understanding that these conditions are agreed to and we also notify to the same effect on the invoice. If the conditions are not acceptable to you the goods should be returned at once.

Quotations are without engagement, but where the price is mentioned on the order we will refer back for confirmation if an increased rate has to be charged. If we fail to do this, the goods can be returned if the price is not approved.

When we are unable to supply the exact variety ordered, we use our best judgment as to substituting other varieties. Any such substitutions are always made with a due regard to season, locality and other conditions so far as known to us.

The substituted varieties are sent for your approval, and while we hope and feel sure that you will agree to what we have done with a desire to serve your best interests, you are at liberty to send back any such goods and we will promptly credit you with their value.

"KUDU" BRAND.

This Trade Mark is registered throughout South Africa by C. STARKE and CO, LTD., who are the sole proprietors of the mark and no other firm or company has any right to make use of it.



It is a symbol of quality and honest endeavour. In connection with seeds it implies that everything possible has been done to safeguard the buyer. The utmost care is always used in discriminating as to "purity, vitality and quality."

Various methods are used to secure these results. Crops are arranged for and are grown from seed of our selection. Arrangements are made for the roguing of the crops and selection of specimens. Germination tests are made on arrival of the seed and at intervals afterwards.

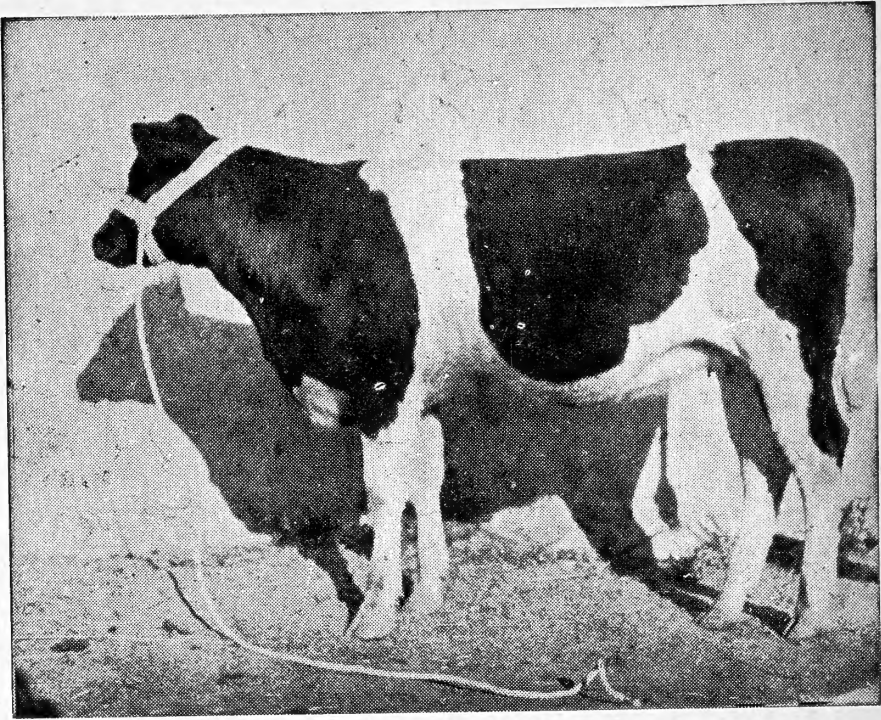
The same precautions are taken with imported seeds in regard to germination and of course they are only bought from the world's most reliable Growers and Seedsmen.

In addition, we use the finest seed-cleaning machinery and use it freely. The nett result is something better than you get in the ordinary way.

**FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT
WITH ORDER.**

STARKE'S "KUDU" CALF MEAL.

A Complete Food and the Most Successful Milk Substitute.



Fed on "Kudu" Calf Meal.

Age 11 months and 8 days when photographed.

"Mulders Vlei Pelma V." Bred and exhibited by Starke Bros., Mulders Vlei (Rosebank Show, 1925) and winner of **First** in the open competition as well as our **Special Prize** for best Heavy Breed male or female under 12 months, reared on our "Kudu" Calf Meal.

The above heifer was the winner of our Calf Meal Prize at the 1925 Show. Unfortunately we have no photo of the 1926 winner but Messrs. Starke Bros. secured the honour with their "Mulders Vlei Janet." This heifer was under 9 months old at the time of competing. In 1927 this prize was again won by the same breeders, in 1928 it was won by Mr. P. C. Loubser of Brackenfel, and in 1929 again by Messrs. Starke Bros.

Messrs Starke Bros. are great believers in our Calf Meal and it is not surprising because they have been using it for something like 20 years with great success. This is what they wrote when they won our Calf Meal Prize in 1925:—

Mulders Vlei, 21.3.25.—We are delighted at winning your Calf Meal Prize again this year at the Rosebank Show, but we think we deserve to because we have been using your "Kudu" Calf Meal for so many years. It gives us splendid results as you can judge by the quality and size of the heifer with which we won your prize this year. We consider this is one of the best heifers we have ever shown. Don't you think so? Yours faithfully, Starke Bros.

"Kudu" Calf Meal.—Price: 25 lbs 6/6; 50 lbs 11/6; 100 lbs 21/-; 200 lbs 40/-.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

CEREALS

We give below a list with descriptions of the principal varieties customarily sown in the Western Province grain districts and prices are quoted for the varieties which are available at the time of printing. We invite inquiries for other varieties also because it is possible that we may have them later.

Recleaned Seed Wheat

		25 lbs	100 lbs	200 lbs
Bobret	... <i>Bearded</i> ...	5/-	17/6	33/6
A Bobs-Rieti cross, considerably earlier than "Rieti," grain resembles "Gluyas" but darker, strong grower, tillers well.				
Burbank	... <i>Beardless</i> ...	5/-	17/6	33/6
Similar to "Florence" and nearly as early.				
Florence	... <i>Beardless</i> ...	5/-	17/6	33/6
One of the earliest and has proved highly rust-resistant, good white milling wheat.				
Gluyas Early	... <i>Beardless</i> ...	5/-	17/6	33/6
A good yielder, most largely grown of all in Western Province, does not shell easily, highly rust-resistant.				
Kleintrou	... <i>Tip-bearded</i> ...	5/-	17/6	33/6
Grain small white plump and soft, straw thin erect and medium height, tillers very well, medium-late, good yielder.				
Union 17	... <i>Beardless</i> ...	5/-	17/6	33/6
Good rust-resister and reliable cropper, one of the "Union" hybrids produced here some years ago.				
Union 52	... <i>Tip-bearded</i> ...	5/-	17/6	33/6
Strong grower, grain white and very uniform, earliest of all "Union" selections, recommended for coastal area, especially for light rainfall.				

Recleaned Seed Oats

		25 lbs	100 lbs	150 lbs
Algerian	... Local Seed ...	3/9	12/6	17/6
	Imported Seed	6/-	21/6	30/-
Universally grown in Western Province and the standard variety for "Cape Oathay," also unsurpassed for grazing purposes or for a grain crop.				
Fulghum	... ..	4/-	15/-	21/-
A very early and prolific variety.				
Sunrise	... ..	4/-	14/6	20/-
A good white oat which is proving very successful in the Western Province, apparently rust-resistant, very early.				
Texas	... ..	3/9	12/6	17/6
Splendid for a grain crop or for hay; by some it is preferred to "Algerian" and is certainly equal to that variety in every way				

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

Recleaned Seed Barley

		25 lbs	100 lbs	150 lbs
Beardless Spring or Kaal Gars ...	6/-	21/6	30/-	
Splendid for green forage, being a very rapid grower; for grain it should be cut before fully ripe to prevent shedding.				
Cape Early ...	5/-	16/6	22/6	
Like "Cape Six-Rowed" but a more rapid grower, consequently very largely used for early green-forage crops.				
Cape Six-Rowed ...	5/-	16/6	22/6	
Probably the greatest yielder in existence and very largely used by the Breweries for malting purposes.				
Nepal or Barley-Wheat ... <i>Beardless</i> ...				Sold Out.
A skinless barley for the earliest "green" crops, the absence of awns is an advantage for green forage but seed is scarce on account of the depredations of birds.				

Recleaned Seed Rye

		25 lbs	100 lbs	200 lbs
Cape Early ...	5/-	17/-	32/6	
A rapid grower and heavy yielder, universally used in the coastal grain districts.				

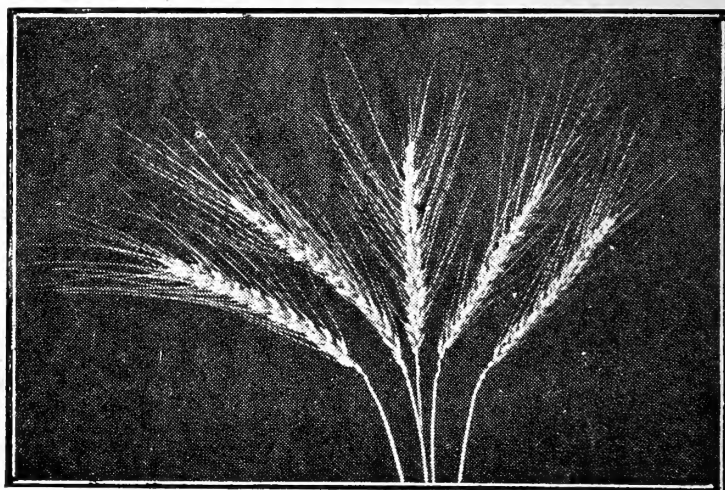
STARKE'S GRAIN PASTURE MIXTURE.

The best grazing varieties of Oats, Barley, Rye, Crimson Clover, Vetches and Rape are combined in this mixture in suitable proportion to give full and palatable grazing for **Livestock** and **Poultry** in the late Autumn, Winter and Spring,

This mixture may be sown in early Autumn and again in early Spring. The quickest growing ingredient, Dwarf Essex Rape, will furnish grazing in six to eight weeks, under favourable conditions, and from then a succession of nutritious pasturage will follow until the natural Spring and Summer grazing is in full growth.

Sow 60 lbs. per acre. Price: 30 lbs 7/6; 60 lbs 13/6; 100 lbs 20/-.

FOR
BEST
RESULTS
SOW
STARKE'S
RECLEANED
SEED.



Selected Seed Maize

		25 lbs	100 lbs	200 lbs
Bread Mealies ... <i>White Dent</i> ...		6/-	21/-	40/-
A soft white variety giving a high percentage of sifted meal and very fine for green mealies for table.				
Chester County ... <i>Yellow Dent</i> ...		5/6	18/6	35/-
A quick-maturing variety well suited to a short season, large cobs closely packed.				
Early Wisconsin ... <i>White Dent</i> ...		5/6	18/6	35/-
Very much like "Silver King" but not quite so early.				
Flat White (Hickory King Type) ...		3/9	12/6	22/6
For a green-forage crop this is unsurpassed.				
Hickory King ... <i>White Dent</i> ...		5/6	18/6	35/-
Large flat grain, heavy cropper, late.				
Orangia Yellow ... <i>Yellow Flint</i> ...		3/6	11/-	20/-
Probably most largely grown of all varieties, medium-early, a sure cropper, splendid grain.				
Potchefstroom Pearl ... <i>White Dent</i> ...		5/6	18/6	35/-
Medium-early, broad flat grain which yields a high percentage of sifted meal, reliable variety.				
White Congo ... <i>White Flint</i> ...		4/3	15/-	27/6
A popular white round variety much resembling Orangia Yellow except in colour of seed, suited to similar climatic conditions.				

Sorghums

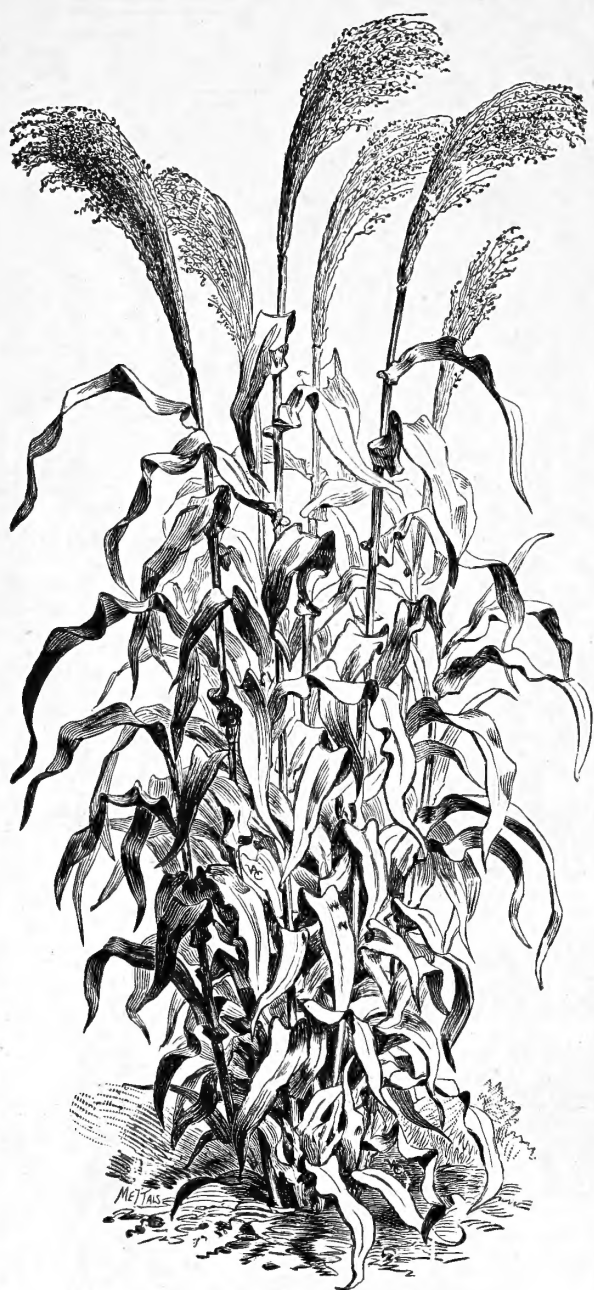
On land that will grow Maize you may also sow any of the Sorghums with equal success and one of the most useful of these is Sudan Grass. This is not nearly so coarse or tall in growth as the other Sorghums and is well named as it is more like a grass than any of them. It makes splendid hay and may also be grown for grazing but of course it is an annual, lasting only the one season.

Sorghums.

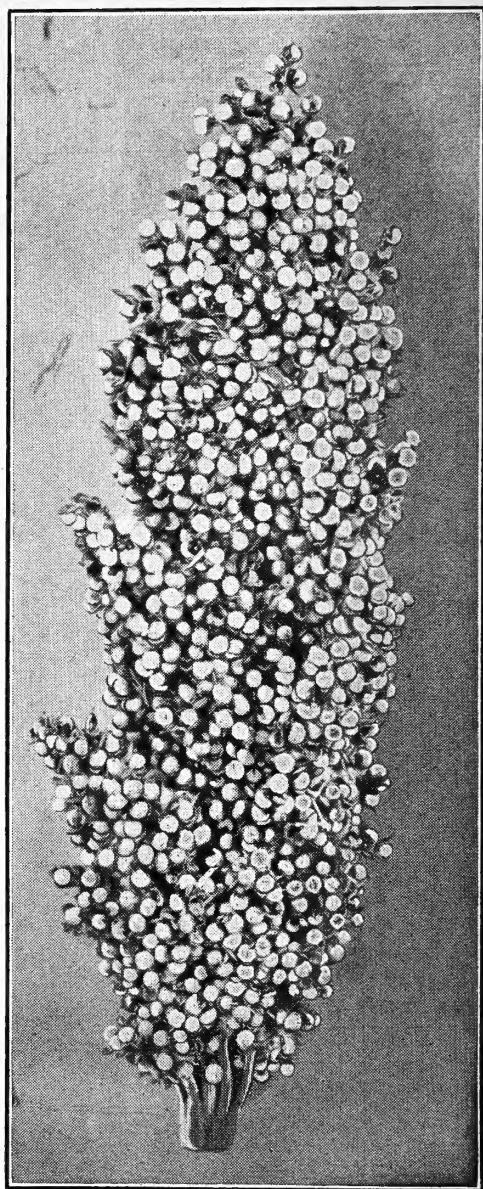
		1 lb	25 lbs	100 lbs
Curnow Tall Corn ...		6d	5/-	18/6
The finest variety of White Kaffir Corn, unsurpassed for a grain crop.				
Per bag of 200 lbs 35/-				
Early Amber Cane ...		6d	6/-	20/-
A saccharine variety and a great favourite for fodder and silage.				
Common Broom Corn ...		6d	6/-	20/-
There is usually quite a good demand for broom of good quality and the by-products of this crop are valuable forage on the farm.				
Sudan Grass ...		9d	15/-	57/6
Has thinner stems and narrower foliage than other Sorghums, cures well for hay, a grand variety, now very extensively grown.				

Quantity to Sow.—When sown broadcast Sorghums are usually seeded at the rate of from 20 to 30 lbs. per acre but in drills about half that quantity should be sufficient.

The continued fertility of your land is dependent upon a suitable rotation of crops and the judicious application of Animal Husbandry to the Grain Farmers Problem. In the following sections are listed crops that make this possible. Grain Farmers should give particular attention to the sections dealing with Legumens and Root Crops.



Sorghum
(Broom Corn Type)



**A Fine Head of
Kaffir Corn.**

These illustrations clearly show the different types of seed head. The plants are, in other respects, practically alike. Broom Corn may be grown as a forage crop like other Sorghums but will give a more profitable return to the grower if the "broom" can be sold at a fair price.

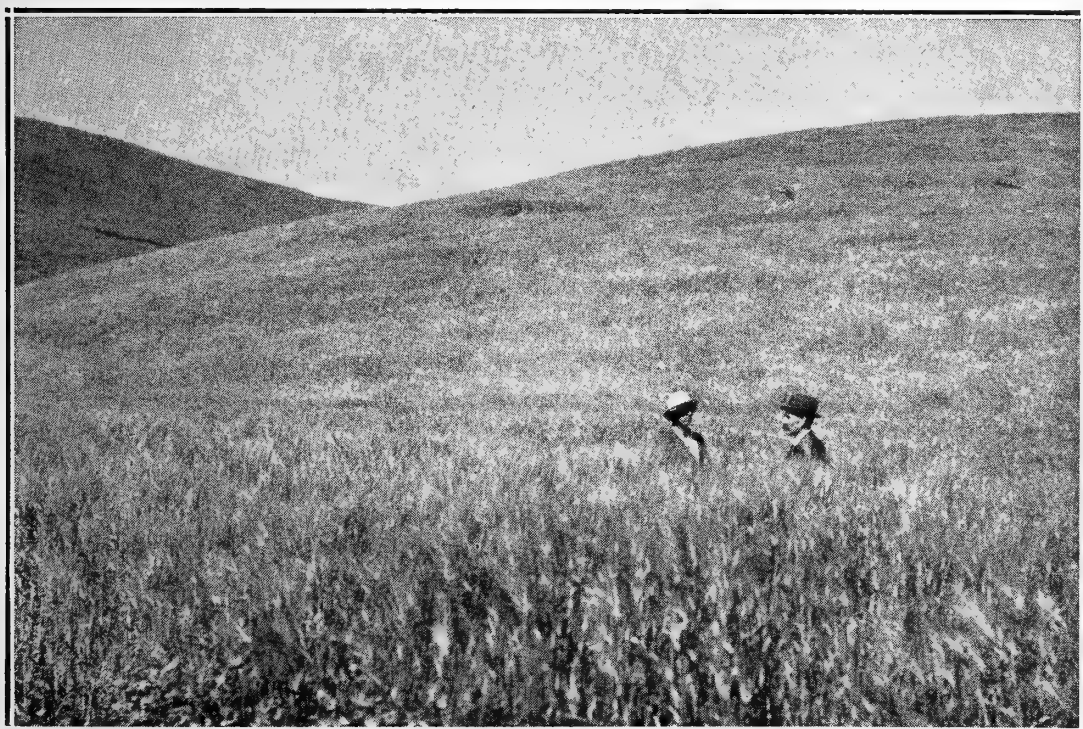
Millets

For Green Forage Crops in the Western Province there is nothing better than a good Millet. "Japan Barnyard" is undoubtedly the best on reasonably good soil, but "Yellow Proso" and "Pearl" Millet are also excellent varieties and will stand more hardships than the first named. "Pearl" Millet in particular is capable of growing on hot, sandy soil which would not support any other similar crop. All the Millets are summer growers and may be sown from September onwards. Don't sow the Pearl Millet too early because it is intolerant of cold conditions.

Millets.

Millets.		1 lb	25 lbs	100 lbs
Boer Manna	... <i>Setaria italica</i> ...	8d	12/6	40/-
A splendid variety for hay, largely grown in the Transvaal, may also be used for forage and silage crops.				
Japan Barnyard	... <i>Panicum crus galli</i> ...	6d	7/-	25/-
One of the best millets whether for grain, silage or forage and also excellent for a grain crop				
Pearl Millet	... <i>Pennisetum spicatum</i> ...	6d	5/-	17/6
Unsurpassed for hot, dry and sandy situations, the hardiest in this respect of all the Millets.				
White Proso	... <i>Panicum miliaceum</i> ...	8d	12/6	40/-
The finest for a grain crop and also a very good forage or silage crop, it is hardy and drought resistant.				
Yellow Proso	... <i>Panicum miliaceum</i> ...	8d	12/6	40/-
Makes good grain and good forage, hardy and drought resistant.				

Quantity to Sow.—Millet seed is smaller than Sorghum but the plant is not so large, except Pearl Millet, and the seeding is at about the same rate, say 20 to 25 lbs per acre when broadcasted and 10 to 12 lbs in drills.



A Heavy Crop of Cape Six-Rowed Barley.

THE "KUDU" PROCESS OF FORMALDEHYDE TREATMENT FOR SMUT IN GRAIN.

The Kudu-Formal treatment for smut is simple and effective and does not injure the seed. It is important that the dipping solution should be made the right strength. Mix as under:—

FOR WHEAT AND OATS.

1 oz. (2 tablespoons)	...	Kudu-Formal to	3 gallons water
or 1 lb. (1/10th gallon)	...	Kudu-Formal to	48 gallons water
or 1 pint (1/8th gallon)	...	Kudu-Formal to	60 gallons water
or 1 gallon (10 lbs.)	...	Kudu-Formal to	480 gallons water

FOR BARLEY.

1 oz. (2 tablespoons)	...	Kudu-Formal to	2½ gallons water
or 1 lb. (1/10th gallon)	...	Kudu-Formal to	40 gallons water
or 1 pint (1/8th gallon)	...	Kudu-Formal to	50 gallons water
or 1 gallon (10 lbs.)	...	Kudu-Formal to	400 gallons water

The seed may be treated on a clean floor or tarpaulin by spraying the solution over and working the seed over continually to make sure that every part of the seed is thoroughly wetted. Then work the grain up into a heap and allow to remain over-night, or for at least 5 hours, covered with sacks to keep in the gas that is generated. Afterwards, remove the covering and spread the seed sufficiently to allow it to dry off for sowing.

Another method is by dipping. The sacks should not be full, otherwise they are likely to be burst by the expansion of the grain. Wooden barrels are best for dipping as iron vessels are liable to corrosion. Dip the seed in the solution for about ten minutes, moving it about to help the solution to penetrate to every part of the grain. Then lift out the sacks and drain them over the barrels. Allow the grain to remain in the sacks overnight and cover up or throw the grain out and heap up and treat further in the same way as when the spraying method is used.

It is most important that the sacks and all utensils should be dipped in or washed with the solution, otherwise the grain will be re-infected before sowing. Don't forget to wash the seed drill also, or the "zaai zak" if broadcasting.

The spores of smut are found everywhere, every season, and it is imperative that all seed should be treated before sowing.

On an average it takes a little more than a gallon of solution to treat each bushel of oats and a little less than a gallon to treat each bushel of wheat. But, of course, the quantity varies according to the methods employed and the care with which the work is done. It follows that 1 lb. of KUDU-FORMAL is approximately sufficient for 15 sacks of Wheat or 12 sacks of Barley or Oats.

Mix fresh solution each day and keep all containers covered as much as possible to prevent deterioration of the solution

Kudu-Formal.—Per 1 lb. bottle 2/6, packed for post 3/-. postage 2/- extra.

Per ½ gal. jar 12/6; 1 gal. jar 20/-; 1 gal. tin 13/6; ½ gal. tin 7/6; packing extra, if required; delivery f.o.r. Rosebank

GRASSES

It is necessary to use careful judgment about the time for sowing Grasses and it is a little difficult for us to advise definitely about this matter because conditions vary so much in South Africa and the advice that would suit one part might mean failure elsewhere. We think growers will be helped most reliably if we point out that there are roughly two sets of conditions prevailing and these arise out of the fact that there is a summer rainfall in certain areas as against a winter rainfall in others. Both these areas can grow grasses quite successfully but irrigation must play an important part in the process under certain conditions.

The main point is to decide whether we shall sow in autumn, or in spring or early summer. There are not many grasses that are suitable for spring sowing under winter rainfall. Most of the European grasses are better sown in autumn under such conditions. Under summer rainfall, however, conditions are quite different and it is necessary to sow grasses at the most favourable time. When that time is must be determined in each district by growers accustomed to the local conditions.

Where irrigation is possible the Rye Grasses and other European grasses are frequently sown in March even under summer rainfall and that approximates to the Western Province practice of sowing in autumn. Here it is preferably April or May, but only because the earlier rains are insufficient. It would be better if we could sow earlier.

The preparation of the soil for pasture grasses is a matter of the utmost importance. It can not be too well done. It is very necessary that the soil should be worked to a very fine tilth. This is important because many of the grass seeds are very small and if the surface is rough before sowing many will be too deeply covered while others will lie too near the surface and may be scorched before they can take root.

Mixtures are usually sown at the rate of 40 lbs per acre but when certain varieties are sown alone the quantity varies according to the variety. It is always wise to sow an ample quantity so as to make sure of a good covering right from the beginning.

The seed is sown with a small broadcast seeder, such as the "Cyclone" or the "Cahoon" Seeder, or it may be broadcasted by hand. This latter method requires great care to ensure even distribution and it may be necessary to mix the seed with some fine material to increase the bulk. This requires great care to ensure proper mixing and we think it will be found much better to use the seeder when possible.

Before sowing the seed bed should be very carefully compacted by rolling. The object is to provide a firm seed bed in which the young seedlings can take root quickly and from which the moisture will not be too readily evaporated. A fine tilth and loose surface about an inch in depth will provide these conditions. It follows that after rolling the soil will again be scarified with a light harrow.

The next operation is the covering of the seed and it needs even greater care than the preceding. The seed may be covered with a light bush-drag or by rolling once and light harrowing afterwards. Any method that will ensure even covering may be used. If the soil has been thus well prepared and the fates are kind to you so that favourable weather prevails, a good growth can be expected, but much damage may be done



Italian Rye Grass.



Perennial Rye Grass.



Meadow Fescue.



Kentucky Blue Grass.



Timothy.

by a few days hot and dry weather immediately after sowing. It is part of the mental equipment of the successful farmer to be able to choose the most favourable time for sowing this crop as well as any other. The careful and experienced farmer will have the soil prepared well in advance and the seed ready at hand and will watch the weather conditions as does the "old salt" at sea and suddenly, one morning, he will say "this is the right day for sowing the grass seed." Probably he will have an excellent result and his neighbours wonder why! This man is a keen observer and he knows these things as the result of experience. We must all learn in the same school.

We are much encouraged by the increasing demand for grasses from various parts of the Cape Province. Curiously, while the winter-rainfall area is clearly suited to pasture grasses and we have been advocating their more extensive use in these parts for many years, the demand is actually coming from less favoured areas where irrigation has to be used for establishing the pasture.

For many years we have consistently advocated the more extensive use of the Rye Grasses as the main item of a pasture mixture and we are glad to say that recent developments fully bear out our high opinion of the value of these grasses.

A recent development is the more extensive use of Clovers, particularly in conjunction with Kikuyu Grass. It seems that both the Clover and the Kikuyu are benefited by their association in the same pasture. Apparently the Kikuyu derives advantage from the nitrogen-producing properties of the Clover and also from the crowding which prevents the compacting of the Kikuyu which is so noticeable after a few years when it is grown alone. How the Clover benefits is a little obscure, but the opinion seems general that it does better than alone and of course the grazing is a better balanced food.

If you have a **PASTURE PROBLEM** send it to us. Give us full information regarding the conditions and we will help you all we can. If we think you have a fair chance of success with it we will suggest a mixture specially for your requirements. We have done the same before for many other pastoralists and almost invariably the results have been favourable. Let us try to help you also. We feel that pasture has been too long neglected in South Africa and we are keenly anxious to remedy this state of affairs. We can assure you that we will not recommend you to sow what we do not expect will be successful under the conditions you name. We do not attempt to get business in that way because we want permanent business just as badly as you want a permanent pasture. Ask others around you who have dealt with us. They will also tell you that that is not our way.

Quantity to Sow.—In the case of Pasture Mixtures 40 lbs. per acre is the usual quantity sown and it is always advisable to give a full seeding.

Most grasses sown alone are seeded at the rate of from 30 to 40 lbs. per acre. The following exceptions may be noted: *Phalaris bulbosa* about 8 lbs.; Teff about 6 lbs.; the Rye Grasses always about 40 lbs.



Tall Fescue.



Tall Oat Grass.



Cocksfoot.

Grasses

		1 lb	25 lbs	100 lbs
Babala Grass ... <i>Pennisetum spicatum</i> ...		—	—	—
See Pearl Millet.				
Bermuda Grass ... See "Fine Quick"		—	—	—
Buffalo Quick ... <i>Stenotaphrum glabrum</i>		—	—	—
The coarse quick commonly used for lawns at the Cape.				
Plants only: 5/- per sack.				
Cape Canary Grass ... <i>Phalaris</i> sp. ...		6d	6/-	20/-
An annual species for autumn and early spring sowing for a hay crop.				
Chewing's Fescue ... <i>Festuca duriuscula</i> ...		2/-	45/-	170/-
Dwarf habit, good drought resister, specially recommended for Golf Links, Bowling Greens, Croquet Lawns and similar uses				
Cocksfoot ... <i>Dactylis glomerata</i> ...		1/9	35/-	130/-
A hardy perennial pasture grass well suited to cold districts, stands constant grazing very well and tolerates considerable shade.				
Crested Dogtail ... <i>Cynosurus cristatus</i> ...		2/6	50/-	175/-
Dwarf habit, splendid sheep's grass, good drought resister, excellent for lawns making a dense turf.				
Fine Quick ... <i>Cynodon dactylon</i> ...		4/6	100/-	300/-
The finest for Bowling Greens and lawns that have to withstand hard wear, very drought resistant.				
Seed not recommended. Plants 7/6 per sack.				
Herd's Grass ... <i>Agrostis vulgaris</i> ...		2/6	55/-	200/-
This species tolerates a hot climate and might be tried as a summer grass also.				
Hungarian Forage Grass ... <i>Bromus inermis</i> ...		2/6	55/-	200/-
An awnless species, tall perennial with creeping rootstock, good drought resister, furnishes a good hay crop with quick aftergrowth for grazing.				
Italian Rye Grass ... <i>Lolium multiflorum</i> ...		1/-	16/6	60/-
Biennial hay and pasture grass of great value, sown with the perennial variety it fills the gap while the slower variety matures.				
Kentucky Blue Grass ... <i>Poa pratensis</i> ...		3/-	65/-	250/-
Thrives in wet land but will also endure considerable drought, an excellent perennial for pasture.				
Kikuyu Grass ... <i>Pennisetum clandestinum</i>		—	—	—
The great East African grass, splendid for lawns and sporting grounds and for pasture.				
Plants only: 7/6 per sack				
Meadow Fescue ... <i>Festuca pratensis</i> ...		2/-	40/-	150/-
Excellent perennial for pasture, liked by all stock and makes good hay.				
Mixed Rye Grass ... <i>Lolium</i> spp. ...		1/-	16/6	60/-
Perennial and Italian in mixture can often be supplied cheaper than the separate kinds, splendid for pasture.				
New Zealand Tall Fescue <i>Festuca arundinacea</i> ...		2/9	62/6	240/-
This is even hardier than the ordinary Tall Fescue, <i>F. elatior</i> , and is the kind generally grown in New Zealand.				
Paspalum Dilatatum ...	Imported Seed	2/-	40/-	160/-
	Local Seed	1/-	20/-	80/-
The well-known Tussock Grass from Australia, requires warm and moist conditions for several weeks to germinate the seed.				
Perennial Rye Grass ... <i>Lolium perenne</i> ...		1/-	17/6	62/6
Most popular of all perennial pasture grasses and more largely grown than all others; sow with the Italian variety.				

Grasses—continued.

		1 lb	25 lbs	100 lbs
Phalaris Bulbosa ...	...	10/6	—	—
A great pasture grass and good for hay, sow in autumn or spring or can be grown from root divisions. Per oz. 1/-.				
Rescue Grass ...	<i>Bromus unioloides</i> ...	1/6	30/-	112/6
An annual winter grass which thrives throughout the country and re-seeds itself freely.				
Rhodes Grass ...	<i>Chloris gayana</i> ...	3/6	80/-	300/-
A great drought resister, but is tender to frost. It makes splendid growth in summer and is suitable for pasturing and for hay.				
Sheep's Burnet ...	<i>Poterium sanguisorba</i> ...	1/6	27/6	100/-
A deep rooting herb adapted to dry sandy soils and hardy to frost, excellent grazing crop.				
Sheep's Fescue ...	<i>Festuca ovina</i> ...	2/-	42/6	165/-
One of the smaller Fescues, valuable in pasture for sheep and also of considerable advantage in lawn mixtures, tending to give a fine, close turf.				
Sudan Grass ...	See <i>Sorghum</i> ...	—	—	—
Tall Fescue ...	<i>Festuca elatior</i> ...	2/6	57/6	215/-
A very hardy perennial, succeeds under widely differing conditions and has proved valuable on the high veld.				
Tall Oat Grass ...	<i>Avena elatior</i> ...	2/-	45/-	175/-
An excellent perennial for hay and pasture giving early and luxuriant growth.				
Teff Grass ...	...	8d	12/6	40/-
The great summer hay crop of South Africa, also makes very good pasture.				
Timothy ...	<i>Phleum pratense</i> ...	1/3	20/-	70/-
A nutritious perennial that imparts quality to hay, it should be included in every pasture.				
Wallaby Grass ...	<i>Danthonia semi-annularis</i>	4/-	—	—
A deep rooting drought resistant grass from Australia said to thrive on poor soils where other grasses usually fail.				
Western Wolths Rye Grass ...	<i>Lolium</i> sp. ...	1/-	22/6	80/-
Annual species, very rapid grower, splendid for hay.				

GRASS MIXTURES.

		20 lbs	40 lbs	100 lbs
No. 1 Pasture Mixture ...	..	27/6	50/-	100/-
For dry situations, winter rains.				
No. 2 Pasture Mixture ...	.	27/6	50/-	100/-
For wet situations, winter rains.				
No. 3 Pasture Mixture ...	...	27/6	50/-	100/-
For dry situations, summer rains.				
No. 4 Pasture Mixture ...	.	27/6	50/-	100/-
For wet situations, summer rains.				
Special Highveld Pasture Mixture ...	...	30/-	55/-	120/-
A mixture of grasses specially selected to suit "highveld" conditions.				
		1 lb	25 lbs	100 lbs
Starke's Kudulawn Mixture ...	...	2/-	42/6	150/-
A mixture of varieties that are suitable for lawns, mixed in correct proportion to induce a good covering.				

LAWNS

THEIR PREPARATION AND UPKEEP.

In order to produce a good dense turf of good fine texture it is necessary that the soil should be well prepared beforehand and that the right seed should be used—a mixture containing only the finer grasses and such as do not become tufty. The following notes will be found helpful to beginners.

Preparation of the Soil.—This should be taken in hand well in advance and the soil should be worked up again and again to a good depth during the warm weather so that the sun may have an opportunity of penetrating to all parts of the soil and exerting its beneficial influence. Stones and other coarse matter should be removed and the ground thoroughly pulverised wherever necessary. A good Fertilizer should be applied while this preparation is being carried out. The best for the purpose is our **Special Grass Fertilizer** and it should be used at the rate of 4 to 6 ozs. per square yard. After thoroughly working up the soil as described it should be consolidated by rolling or trampling, or other suitable means, and the surface should be raked over carefully to provide a seed-bed.

Sowing the Seed.—In districts with a winter rainfall this should invariably be done in the autumn and **Starke's Kudulawn Grass** should be used at the rate of $\frac{1}{2}$ oz. to the square yard. This thick sowing is necessary in order to provide a dense turf from the start. It is much better to secure a good result at the commencement than to endeavour to patch it afterwards. The seed should be lightly covered by raking or brushing the surface with a bunch of twigs or by dragging a light bush harrow over it and if any uncovered seed remains it should be covered by a light dusting of fine soil.

Top Dressing.—Frequent top dressing with soil is not desirable unless to even up the ground. If the Grass is cut frequently the clippings may be allowed to remain on the lawn and will prove of great benefit to it as they decay and provide a good protection to the roots during the hot weather. They also add to the humus in the soil which assists in making the plant food available. A light dressing of our **Special Grass Fertilizer** should be applied each season.

Weeds.—These will always make their appearance in new lawns in spite of the most careful preparation and treatment. They are always present in the soil and must be removed if the finer grasses are to have a fair chance. Hand-weeding is usually resorted to but much can be done by continuous mowing once the lawn grass is well established.

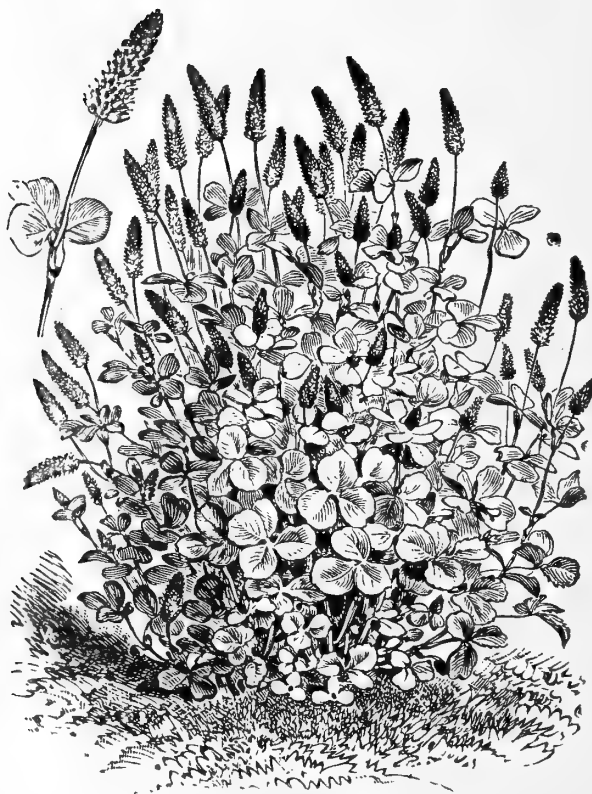
Lawn Grass Seed Mixture

A good and reliable Lawn Mixture is a necessity for good results whether with new lawns or in the renovation of old lawns that require reseeded. Our **Kudulawn Mixture** contains only the choicest seeds of the varieties most suited for this purpose and we have every confidence in recommending it to our clients as the very best and most suitable mixture for the peculiar conditions of this country.

Starke's Kudulawn Mixture.—Per lb 2/-; 25 lbs. 42/6; 100 lbs. 150/-



Lucerne.



Crimson Clover.

LEGUMENS

These crops all belong to that most important natural order Leguminosæ. They gather nitrogen from the atmosphere without cost to the farmer and are often aptly referred to as "soil renovators." You cannot afford to overlook them.

Lucerne

(*Medicago sativa.*)

This is the greatest of all Legumens. In every country where it will grow it is recognised as "The King of Fodder Crops." As a rotation crop it will only be used where conditions are so unfavourable that it cannot be a very permanent crop, because under other conditions it would be too valuable to plough under.

Yet, Lucerne may be used as a rotation crop by the grain farmer with very great benefit to his land and to his livestock. Sown with the last crop before resting the land, as is done in the Western Province, it gives very valuable grazing and will work wonders for the soil and give a corresponding benefit and increased yield when the next wheat crop is put on the same land.

For this purpose seed can be used that can not be sold in the ordinary way for seeding for a permanent crop. Dodder is of no consequence under such conditions as the crop will be grazed and the Dodder will not have a chance to establish itself and will finally disappear when the next grain crop is taken. For this special purpose then we can supply at a very cheap price seed that is not suitable for export or for a permanent crop and we invite enquiries from farmers for this and will quote prices that will make it possible to use the seed on a big scale and we are sure this will be of very great advantage to grain growers and will be the means of increasing their crops very considerably.

For export and for permanent crops we offer the very highest grade of seed **free from Dodder** at competitive prices. That we are able to do this is amply proved by the enormous quantities that we have exported during recent years under the very stringent Government Regulations that are in force at present.

Thanks to these regulations and the strict manner in which they have been applied, South African Lucerne Seed is to-day recognised throughout the world as the very highest quality obtainable. We feel justified in claiming that this proud position has been attained largely through the drastic manner in which we have always cleaned all Lucerne seed exported by us. Our machinery is the finest obtainable for the purpose and we maintain it at the highest point of efficiency.

Dodder in Lucerne.—All Lucerne Seed sold by us at ordinary catalogue price is "Guaranteed free from Dodder" and by this we mean that if you examine the seed on arrival or send a sample of it to the Government for examination and any dodder whatever is found in it then the seed is to be returned to us and we will pay railage both ways and replace the seed with other which is free from dodder or refund the amount paid for it.

Dodder seed can be disseminated in several ways and it is possible for it to appear in any field at any time even on new ground and that would not necessarily be proof that the seed sown was infested. Therefore, we cannot accept the blame for dodder appearing in the field afterwards if it has not been found in the seed before sowing.

Lucerne—continued.

These conditions are perfectly clear and fair to both parties and we cannot under any circumstances accept responsibility beyond this.

In order to be able to destroy dodder when it is found it is desirable that you should know something about its manner of growth. The seed may be disseminated by birds or may be carried in several other ways or it may exist on new land where it has fallen from native plants that were growing there before and it may also be introduced at sowing time if dodder-free seed is not used. The seed germinates when favourable conditions apply and the plant temporarily grows from the soil but it cannot live for any considerable period in this way and must of necessity find a host. In a lucerne field this is a simple matter for the young plant. The slender tendril-like growth sways about with the slightest breeze and very quickly comes in contact with the growing lucerne plant and immediately entwines it. Roots are then formed where the dodder has come in contact with lucerne and henceforth it grows at the expense of its host and discards its own root system.

It must be quite obvious to the most casual observer that a plant with habits like these can spread in a lucerne field with lightning-like rapidity and from one seed it is possible that a considerable patch may be infested in a very short time.

It must also be obvious that extraordinary precautions are necessary when destroying dodder in a field to prevent any of it remaining or being carried to a clean portion of the field. Every lucerne field should be inspected periodically with great care and when a single dodder plant is found it should be taken in hand instantly and perhaps the best method of destroying it is to cart on a load of straw or chaff or dry bush or any other inflammable material, lay this over the patch where the dodder is and set it alight, tending the fire carefully to see that everything is destroyed.

Seeing that there is no root system to contend with in the mature plants this method should almost invariably prove successful but it is a wise precaution to watch the patch closely for some time so as to make sure that nothing has escaped, for even the tiniest bit of dodder, if dropped on the lucerne, is capable of causing a fresh infestation.

The cleaning of lucerne seed in order to remove dodder is a costly business under any known process and it is most unfortunate that we continue to grow this pestilential weed. Apparently many growers do not take the slightest trouble about it and allow it to spread and ruin their fields without any attempt to stop it. This must be so otherwise such badly infested seed as is sometimes found could not possibly be produced. If growers had the interests of the country at heart and considered their neighbours' and their own interests also they would not harvest a crop of seed from a field in which dodder is present, but unfortunately there are many growers who will not only do this but will also sell the seed with an absolute guarantee that it is free from dodder when they must know full well that it is otherwise. Unfortunately also there is apparently no means of checking this practice. The grower seems to find an opportunity of selling the seed and it very soon gets into the hands of speculators and eventually reaches the dealer who sells it again to other growers without proper cleaning or if it reaches the hands of the careful seedsman then he is faced with the loss. The original culprit is already well away with the money before the trouble is discovered.

Lucerne—continued.

This loss is one of a very serious nature to the country as a whole and must eventually fall on the grower. It is all very well to impose restrictions on the seedsman and compel him to sell clean seed. Every careful seedsman is glad of that because he wants to sell clean seed, but obviously he must recover his loss somehow and the buyer of the seeds must eventually pay for it. Can nothing be done to stop this? Is it not possible to compel the grower to keep his fields clean or if he will not do so can he not be prevented from selling seed? Every law or regulation that is introduced to improve matters of this kind is always aimed at the seedsman who is really not the original culprit and until we get to the root of things there will be no improvement and the farmer will continue to pay the cost.

Quantity to Sow.—When sown broadcast 25 lbs of Lucerne will sow an acre. If sown in drills from 8 to 12 lbs. will be needed, according to the width between the rows.

Cape Lucerne (Recleaned)

1 lb	25 lbs	100 lbs
1/-	21/-	75/-

Of "Provence" type but grown here and now more largely used than all other varieties together.

Hunter River Lucerne (Recleaned)

2/-	40/-	150/-
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Makes earlier growth than other varieties and usually gives a later cutting also.

Yellow Trefoil

...	<i>Medicago lupulina</i>	...	2/-	42/6	165/-
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As the name implies, this is allied to Lucerne. It is very useful on comparatively poor soils and especially when included in a pasture mixture for sheep and other small stock.

Tagasaste

...	<i>Cytisus proliferus</i>	...	7/6	—	—
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The so-called "Tree Lucerne" but is not a true Lucerne.

Grows to 8 feet or more and is a useful fodder plant.

Clovers and Kindred Plants

There are Clovers for various purposes, some for pasture, some for hay and some for green-manuring while many of them are useful for all these purposes.

Quantity to Sow.—Most of the Clover seeds are very small and the quantity required per acre is thus reduced. When sown alone the quantities vary from about 10 lbs to 20 lbs according to variety. The White Clovers have the smallest seed and most of the other varieties are about the size of or smaller than Lucerne seed. When sown in pasture mixtures the quantity would usually be from 2 to 5 lbs per acre according to variety.

Sweet Clover.—A great deal of attention is being given to this crop in other countries at the present time. In America the sowing of Sweet Clover is extending rapidly and it is claimed that the yield of grain crops is greatly improved by its use as a nitrogen provider and as a source of humus for the grain lands. We are quite convinced that this is true and in addition it is claimed that good grazing and good hay can be made from Sweet Clover. If properly handled we believe this will also prove correct, but its main value remains as a *leguminous soil renovator*.

In America the term Sweet Clover is now very generally used to designate one of the Melilots—*Melilotus alba*, Desv., which is a biennial, white-flowering species. The corresponding yellow-flowering species is *Melilotus officinalis*, Lam. We believe this latter is an annual species very closely resembling, if not the same as, our Cape species, *Melilotus parviflorus*.



White Sweet Clover.



Serradella.



Soy Bean.



Field Pea.

Clovers, etc.—continued.

Formerly the name Bokhara Clover appears to have been more freely used but it is applied to the same plant, viz., *Melilotus alba*, Desv., and when we refer to Sweet Clover we are merely using an alternative name for the same crop.

Hubam Clover is a recently discovered annual white-flowering form of Melilot. Its origin is obscure but it is quite probable that it is a sport from the regular White Sweet Clover. Hubam is a very strong grower but makes coarser herbage than most kinds.

Here at the Cape we have a natural Sweet Clover which is locally known as Cape Stenk Klaver or Cape Sweet Clover. This is *Melilotus parviflorus*, sometimes referred to as *Melilotus indicus*. It is exactly the same plant as has been freely imported from Australia under the name of King Island Clover.

It is one of our weaknesses that we do not recognise a good crop unless we buy it from another country at a much higher price than it can be had for from the local grower, and it is very unfortunate that so much money should have been sent out of the country for this plant which has been so well known here for many generations and which is only now beginning to take its place in South African agriculture.

For many years we have endeavoured to make this clear so that our locally grown Cape Sweet Clover may take its rightful place but even now the imported article is sometimes demanded under the name of King Island Clover and it is difficult to convince agriculturists that we have the same thing locally grown and at a much cheaper price.

The Cape Sweet Clover is an annual and thus if we want a biennial crop we must have the American White Sweet Clover while for an annual crop we can choose between the Cape Sweet Clover and Hubam Clover. Cape Sweet Clover will grow to 3 ft. or so under reasonably favourable conditions while Hubam Clover is a more rapid grower and will reach 8 feet at times, but it is a much coarser plant than the Cape Sweet Clover. With this information about the relative features of these crops each grower should be able to choose intelligently according to his own special requirements.

We would also like to direct attention to **Berseem Clover**. This variety is doing so well in Australia that it seems probable that it must also prove of very great value in South Africa, but farmers are not yet trying it seriously. It is recommended for the green-manuring of orchards and also for pasture or for hay. It is sown in autumn and under favourable conditions gives three or four cuts. Why not give it a trial!

Another suggestion—you should try a clover crop with Kikuyu Grass for pasture. We have written about this under the heading "Grasses" and it will be worth your while to turn back to that page and read about it.

		1 lb	25 lbs	100 lbs
Alsike Clover	... <i>Trifolium hybridum</i> ...	2/-	45/-	175/-
A true perennial, well adapted to wet situations, can be grown under irrigation.				
Berseem	... <i>Trifolium Alexandrinum</i>	2/3	43/6	167/6
A valuable clover for autumn sowing, will give 3 or 4 cuts under favourable conditions.				
Broad Red Clover	... <i>Trifolium pratense</i>	2/-	45/-	175/-
One of the best for pasture, likes a fairly heavy loam containing lime.				
Cape Sweet Clover	... Annual ...	6d	6/-	20/-
Where an annual green-manuring crop is required this will be found valuable, makes good grazing also, sow in early autumn or in spring.				

		1 lb	25 lbs	100 lbs
Clovers, etc.—continued				
Crimson Clover	... <i>Trifolium incarnatum</i> ...	1/-	20/-	75/-
An annual clover for autumn sowing in the warmer districts, gives good winter feed.				
Dwarf White Clover	... <i>Trifolium repens</i> ...	2/6	52/6	200/-
Valuable for permanent pasture, the stems creeping and rooting at the joints.				
Giant Cow Grass	... <i>Trifolium pratense</i>			
	<i>perenne</i>	3/6	75/-	275/-
The perennial form of Red Clover, gives heavy returns under good cultivation.				
Hubam Clover	... <i>Melilotus</i> ...	3/6	80/-	300/-
Grows to 6 or 7 feet and we hear that stock eat it greedily, a valuable green-manuring crop.				
Subterranean Clover	... ..	5/6	135/-	—
This Clover is proving valuable in Australia where it is transforming poor land into excellent pasture.				
White Sweet Clover	... <i>Biennial</i> ...	1/-	20/-	75/-
In America this crop is extending rapidly and is proving valuable for green-manuring, pasture and hay.				
Wild White Clover	... <i>Trifolium repens</i> .	6/-	125/-	—
This is claimed to be better than the ordinary White Clover for pasture but the seed is expensive.				

Beans, Peas, Vetches, etc.

There are both Winter and Summer Crops in this list. The following may be sown in Autumn:—Horse Beans, Field Peas, Vetches, Lentils and Lupins. In Spring you may sow the following: Field Peas, Cowpeas, Vetches, Serradella and Peanuts.

Quantity to Sow:—This varies enormously according to the size of seed and manner of sowing. The following quantities may be considered approximately correct, broadcast, per acre:—Field Peas, Cowpeas, Lupins, 100 lbs; Vetches, 30 lbs; Serradella, 20 lbs; Peanuts, 25 lbs. Broad Beans would be sown in drills and probably 100 lbs would be needed.

		1 lb	25 lbs	100 lbs
Horse Bean	... <i>Vicia faba</i> ...	6d	10/6	37/6
In type this is like the "Broad Bean" of the Vegetable garden, a winter-legume, good for fodder and green-manuring.				
Mungo Bean	... <i>Phaseolus mungo</i> ...	6d	10/6	37/6
In habit this plant resembles the Cowpea but is of more erect growth and should be treated in the same way, valuable for green-manuring and a seed crop.				
Soy Bean	... <i>Glycine hispida</i> ...	1/-	17/6	60/-
"Hollybrook Early." A rapid grower and heavy cropper. Sow 30 lbs. per acre in drills or 60 lbs. broadcast.				
Soy Bean	... <i>Glycine hispida</i> ...	1/-	20/-	70/-
"Tar Heel Black." A fairly early variety, upright grower and heavy cropper.				
Soy Bean	... <i>Glycine hispida</i> ...	6d	8/6	30/-
"Yellow." This is South African grown seed of an un-named variety.				

Beans, Peas, Vetches, Etc.—continued.				1 lb	25 lbs	100 lbs
Velvet Bean ... <i>Mucuna utilis</i> ...				1/-	15/-	50/-
"Osceolo." This variety is stingless and gives a very heavy growth and good yield of beans.						
Blackeye Cowpeas ... <i>Upright</i> ...				9d	15/-	58/6
One of the best for a seed crop, the dried beans are usually in good demand at a favourable price.						
Brabham Cowpeas ... <i>Upright</i> ...				9d	12/6	45/-
Vigorous grower and holds its foliage well. This variety has been giving splendid results in the Transvaal—one of the best.						
Iron Cowpeas ... <i>Recumbent</i> ...				9d	12/6	40/-
A very vigorous grower with large dark green leaves, long pods, well filled, medium early, prolific bearer and said to be rust resistant.						
New Era Cowpeas ... <i>Upright</i> ...				9d	12/6	45/-
Early-maturing and yields a heavy crop of peas or a heavy crop of herbage for silage or hay.						
Whippoorwill Cowpeas ... <i>Upright</i> ...				9d	12/6	45/-
A favourite early variety that yields a very heavy cutting for silage or hay.						
White Bechuana Cowpeas <i>Upright</i> ..				6d	8/6	30/-
Makes a very heavy yield of seed and a heavy growth of vine, may be used for a green or dry crop.						
Wonderful Cowpeas ... <i>Trailing</i> ...				9d	12/6	45/-
Better for hay or silage than a dry crop as it makes very rank growth and requires a full season to mature.						
Mixed Cowpeas ...				6d	7/6	25/-
For cheap seeding we offer here seed of good quality but mixed or of any variety that happens to be available at a low price.						
Cape Field Peas ... <i>Pisum arvense</i> ...				6d	6/3	23/6
Yields heavy growth, splendid for green-manuring of orchards and grain lands, or may be used for a dry crop. Per bag of 200 lb 45/-.						
Green Field Peas ... <i>Pisum arvense</i> ...				6d	8/6	32/6
Favoured for table purposes on account of the green colour; its merits, otherwise, are about the same as the yellow variety. Per bag 200 lbs 60/-.						
Partridge Field Peas ... <i>Pisum arvense</i> ...				6d	7/-	26/6
Orchardists tell us that this variety is rust-resistant and consequently suits them better than others for green-manuring. Per bag of 200 lbs 50/-.						
Blue Lupins ... <i>Lupinus hirsutus</i> ...				6d	7/6	27/6
A very valuable green-manuring crop for autumn sowing.						
Serradella ... <i>Ornithopus sativus</i> ...				1/6	30/-	100/-
An annual legume of grass-like habit, grows to a height of 18 inches or more, useful, as a summer green-manuring crop.						
Spanish Bunch Peanuts ... <i>Arachis hypogoea</i> ...				1/3	25/-	95/-
Imported Seed. Produces a large nut and crops heavily, very popular, excellent for roasting.						
Valencia Peanuts ... <i>Arachis hypogoea</i> ...				1/3	25/-	95/-
Large nuts and more to the pod than other varieties, splendid appearance, realises best prices.						

Beans, Peas, Vetches, etc.—continued

		1 lb	25 lbs	100 lbs
Virginia Peanuts	... <i>Arachis hypogoea</i> ...			
	Imported Seed	1/3	25/-	90/-
	Local Seed	6d	10/6	37/6

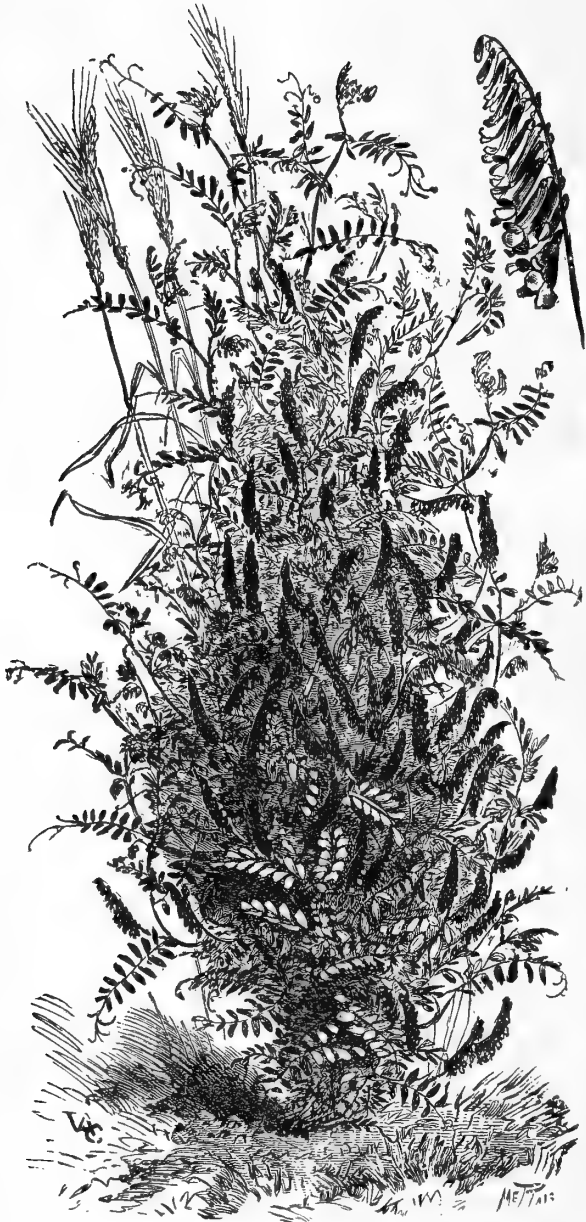
The nuts are of good size with large kernels and the vines furnish excellent forage.

English Spring Vetch	... <i>Vicia sativa</i> ...	6d	9/6	35/-
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The variety universally preferred in South Africa owing to its comparatively rapid growth, splendid for green forage, silage or for hay.

Hairy Vetch	... <i>Vicia villosa</i> ...	1/-	20/-	70/-
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Recommended for sandy soils, a small-seeded variety and very hardy.



Sand or Hairy Vetch.



Spring Vetch.

ROOT CROPS

Root crops certainly do not receive, in this country, the attention that they deserve. For weight of crop and general usefulness as fodder for stock, these are crops which can hardly be surpassed, and as most districts will grow one sort or another successfully, we feel that agriculturists generally and stock farmers in particular should be able to add materially to the possibilities of their farms by growing roots on a considerable scale

MANGELS AND BEET.

(*Beta vulgaris.*)

Quantity to Sow.—Eight to ten pounds should sow an acre, but it depends very much on the method adopted. Direct sowing in the field is to be preferred when circumstances permit and then the seed should be drilled at 18 to 24 inches between the rows, or for horse cultivation 30 inches may be preferable. If this method cannot be adopted the seed is usually sown on beds and transplanted. We prefer sowing in rows 10 or 12 inches apart if space will allow because it is easier to weed and the plants that remain after thinning for transplanting can be allowed to mature where they stand.

		1 lb	25 lbs	100 lbs
Mammoth Long Red Mangel	...	1/6	25/-	90/-
For rich loam this variety is unsurpassed and will give a heavier crop than any other.				
Yellow Globe Mangel	...	1/6	25/-	90/-
Excels in quality and is suited to shallower soils than other varieties.				
Silver Beet	...	2/6	55/-	200/-
A valuable grazing crop and it is claimed that it will last for several years if rested at suitable intervals.				
Sugar Beet	...	2/-	35/-	125/-
The roots are smaller than Mangels and formed below the surface, a valuable fodder crop on account of the high sugar content of the roots.				

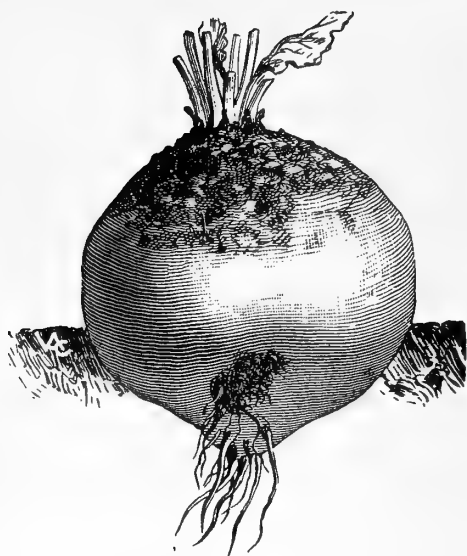
SWEDES.

(*Brassica rutabaga.*)

Quantity to Sow.—The same quantity of seed per acre as for Turnips will be required and the plants must be thinned in the same way. This thinning is imperative with both these crops. It is quite impossible to grow a heavy root crop if the plants are not thinned because they will crowd one another and the crop will be all top growth with very little below

		1 lb	25 lbs	100 lbs
Sutton's Champion	...	2/-	35/-	125/-
An old and favourite purple-top variety, a great cropper and gives good shapely roots.				
Webb's Imperial	...	2/-	35/-	130/-
Of excellent size and good quality and yields a very heavy crop.				

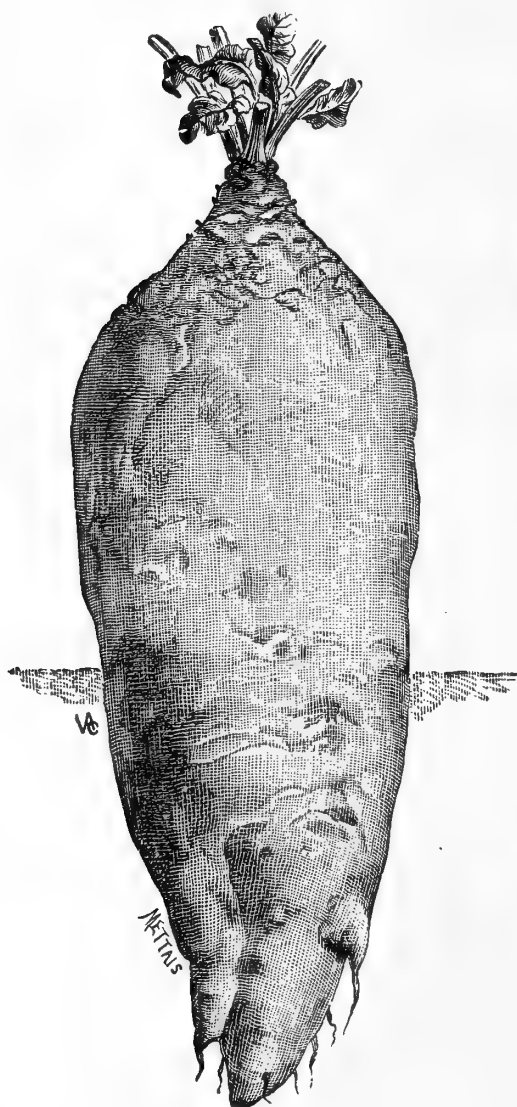
Next to Pasture the most important matter to the Sheep Farmer is the production of cultivated crops for his most valuable stock. Turnips and other roots are very extensively grown in other countries for this purpose. Here they are utterly neglected! Why? Can South Africa afford to ignore such valuable crops?



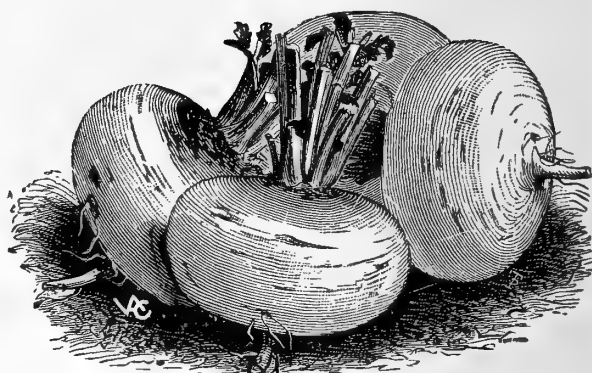
Yellow Globe Mangel.



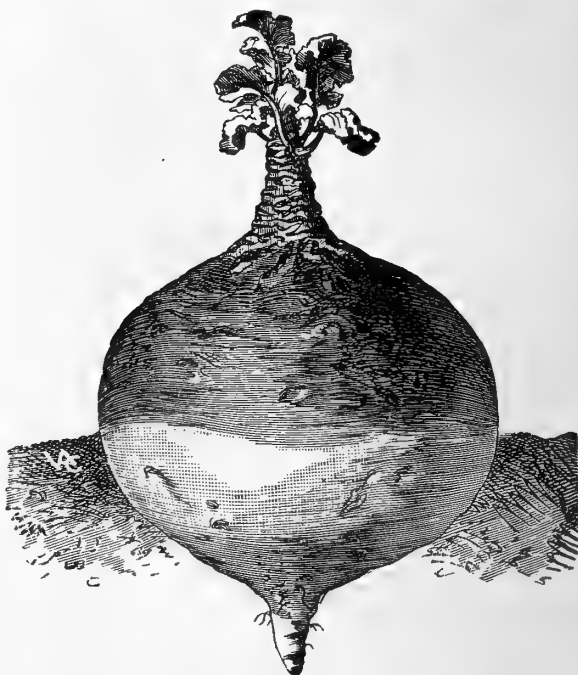
Sugar Beet.



Mammoth Long Red Mangel.



White Stone or Stubble Turnip.



Webb's Imperial Purple Top Swede.

FIELD TURNIPS.*(Brassica rapa, L.)*

Quantity to Sow.—Two pounds of seed is sufficient to sow an acre if it can be spread thinly. With a Planet Jr. Seed Drill it is possible to do this after a little experience, but normally 4 or 5 lbs per acre would probably be used. Turnips should always be sown in drills 12 or 15 inches apart and should be very carefully thinned to about 4 inches in the row.

	1 lb	25 lbs	100 lbs
Purple Top Mammoth ...	2/-	32/6	115/-
A white-fleshed, purple-top variety of splendid size, a very heavy cropper.			
White American Strapleaf ...	2/-	35/-	125/-
Flat and irregularly rounded, it is early and of excellent quality and endures heat well, may be used for field or garden.			
White Stone or Stubble ...	2/-	32/6	115/-
An early variety for field or garden, makes good size and gives a heavy crop, while young it is splendid for table.			

FIELD CARROTS and CHICORY.

Quantity to Sow.—Three to four pounds of Carrot seed should sow an acre. This crop is also best sown in drills about 12 or 15 inches apart like Turnips and Swedes. Thinning may not be quite so important as with those crops but it should not be neglected or the result will be thin roots of little feeding value.

	1 lb	25 lbs	100 lbs
Intermediate Carrot ...	4/6	85/-	300/-
Of medium length but makes roots of great size and is a splendid field crop as well as an excellent table carrot.			
White Belgian Carrot ...	3/-	65/-	250/-
A favourite stock-feeding variety, long roots and heavy cropper, it grows one third above the ground, that portion being green and the lower portion white.			
Large-Rooted Magdeburgh Chicory ...	3/6	65/-	240/-
A splendid grazing crop of simplest cultivation on soil that suits Mangels, sow 10 to 12 lbs per acre.			

Tobacco*(Nicotiana tabacum).*

It is estimated that one ounce of seed should produce enough plants for an acre, but it naturally depends very much on what luck you have with the seed beds.

	oz	½ lb	lb
Brazilian American ...	3/-	10/6	35/-
Excellent for cigars and a delightfully aromatic smoker.			
Clarkesville ...	2/9	9/-	30/-
A heavy smoker, strong grower and gives a big yield.			
Connecticut Broadleaf ...	2/9	9/-	30/-
Used largely for cigar wrappers and binders and makes a good pipe tobacco, rapid grower, suited to sandy loam.			
Goldfinder ...	2/9	9/-	30/-
One of the best of the Virginia tobaccos for cigarette filler.			
Improved Gold Leaf ...	2/9	9/-	30/-
Splendid combination of size, weight and quality, leaf long and broad but fine in texture, one of the best of the bright tobaccos.			
Improved Hester ...	2/9	9/-	30/-
Cures a nice bright colour, suited for wrappers, cutters, fillers or cigars, leaf long and medium width, adapted to light loamy soils.			

Tobacco—continued

	oz	$\frac{1}{4}$ lb	lb
Improved White Stem Oronoko ...	2/9	9/-	30/-
Makes a good bright leaf and may also be cured for dark filler, suited to fairly rich and well drained soil especially alluvial with a clay sub-soil.			
Improved Yellow Oronoko ...	2/9	9/-	30/-
Easily cured to a bright colour or may be cured for dark filler, suited to fairly rich soil if well drained, does well on alluvial soils with clay sub-soil.			
Sterling ...	3/-	10/6	35/-
Bright colour, silky in texture, sweet flavour, best adapted to light loam with clay sub-soil.			
Virginia Oak Hill Yellow ...	2/9	9/-	30/-
Unsurpassed for delicacy of fibre.			
White Burley ...	2/9	9/-	30/-
Same as "Clarkesville."			
Yellow Pryor ...	2/9	9/-	30/-
A good pipe tobacco and makes a fine wrapper or filler, on rich red land it will give a dark colour.			

TURKISH VARIETIES.

	oz	$\frac{1}{4}$ lb	lb
Turkish Cavalla ...	6/6	21/-	—
One of the best varieties of this type.			
Turkish Soulook ...	6/6	21/-	—
This variety is responsible for much of the best Turkish Tobacco produced in the Stellenbosch and Frenchhoek districts.			

Fibre-yielding Plants

The production of fibre is a question that must necessarily engage the attention of South African agriculturists in an increasing degree. Among the crops used for the purpose Flax ranks high in importance. It is not only of very great value for fibre, but also on account of the valuable fodder that it provides. If the fibre can be sold and the seed and chaff retained on the farm for the feeding of livestock, the crop must undoubtedly fill an important place in the agriculture of the country. That Flax will thrive in South Africa has been amply demonstrated and it is considered that fibre of excellent quality can be produced here. Recently this crop has been grown on a fairly large scale in the Western Province and we believe the result proved to be entirely satisfactory to the growers.

Quantity to Sow.—Seeding will probably vary between 60 and 100 lbs per acre according to the purpose for which the crop is grown. For fibre it requires thicker seeding than for a purely grain crop.

	1 lb	25 lbs	100 lbs
Common Flax or Linseed ...	6d	10/6	35/-
For a grain crop this variety is recommended as a heavy yielder of Linseed of good heavy quality.			

COTTON.

(Gossypium sp.)

	1 lb	25 lbs	100 lbs
Griffin Cotton ...	8d	11/-	40/-
A long-staple variety that has many prizes to its credit.			
Improved Bancroft ...	8d	11/-	40/-
A favourite variety among cotton growers in the Transvaal.			
Watt's Long Staple ...	8d	11/-	40/-
A variety that can be recommended for trial.			
Zululand Hybrid ...	8d	11/-	40/-
This splendid variety is apparently of South African origin.			

Rape, Kale and Mustard

These are valuable crops for grazing and deserve close attention from every up-to-date agriculturist. Rape, particularly, is now very extensively sown. In the grain districts of Koeberg, Darling, Malmesbury, Paarl and Caledon, this crop provides magnificent feed on the "brak-lands," where it is sown as a catch crop while the land is otherwise lying fallow, thus entailing no extra expense and providing an immense amount of feed for all kinds of stock. It is valuable alike for Sheep, Cows, Pigs, Ostriches and any grazing stock.

		1 lb	25 lbs	100 lbs
Dwarf Essex Rape ...	...	9d	10/-	37/6
This crop is now very largely grown in the Western Province for grazing purposes, it is important to have the right variety as some kinds are unsuitable.				
Chou Moellier or Marrow Kale ...	...	2/-	37/6	140/-
Both leaves and stem may be used for stock-feeding, a very profitable crop.				
Thousand Headed Kale ...	...	2/-	42/6	160/-
A tall branching cattle cabbage, produces a heavy crop of succulent leaf greatly relished by cattle, sheep, pigs, poultry, etc.				
Sea Kale ...	Perennial	15/-	—	—
Resembles Rape but is hardier and perennial, a wonderful drought resister, well worth trial as a fodder plant and also a useful vegetable. Per oz 1/6; ¼ lb 4/6. Plants 3/- per doz.; 20/- per 100.				
White Mustard ...	...	1/6	20/-	75/-
Splendid grazing crop for sheep, a very rapid grower, table mustard is produced from the seed of this variety.				

Melons and Gourds

These crops are typically South African and their value can hardly be exaggerated. They provide a very heavy yield of succulent green food that may be stored for many months and, with ordinary precautions, the loss during storing is negligible. Deep alluvial soil suits these crops well because it is their habit to search at great depths for the moisture that they require during the growing period.

Quantity to Sow.—From 2 to 5 lbs of seed will be required per acre according to variety and method of sowing

		1 lb	25 lbs	100 lbs
Pumpkin. —For special varieties see Vegetable Seed List.				
Cattle Pumpkin ...	...	2/-	40/-	150/-
Good seed at a cheap price for a field crop, any variety or mixed seed supplied at our discretion.				
Starke's Mammoth White Melon ...	...	3/-	65/-	250/-
This Kaffir Melon has been grown under our supervision for a very long period and well selected each season, the best of all Kaffir Melons.				

We often receive letters with incomplete addresses to which it is obviously impossible to reply. We desire, therefore, to remind our correspondents of the need of always stating clearly the Post Office to which replies should be directed and the Province in which it is situated, e.g., Cape, Transvaal, etc.

Miscellaneous Fodder Crops

		1 lb	25 lbs	100 lbs
Jerusalem Artichokes ...	...	6d	6/-	20/-
A splendid summer crop for pigs, the yield is heavy and pigs may be allowed to harvest the crop, suited to sandy soils.				
Buckwheat	<i>Fagopyrum esculentum</i>	6d	6/6	23/6
A summer-growing annual that produces a valuable grain crop much in demand for poultry feeding and other uses.				
Castor Bean ...	<i>Ricinus communis</i> ...	4/-	—	—
Common Castor Bean from which the commercial castor oil is derived.				
Castor Bean ...	<i>Ricinus sanguineus</i> ...	6/-	—	—
Red-stemmed Castor Bean.				
Sheep's Burnet ...	<i>Poterium sanguisorba</i> .	1/6	27/6	100/-
A deep-rooting herb adapted to dry sandy soils and hardy to frost, excellent grazing crop.				
Creeping Saltbush ...	<i>Atriplex semibaccata</i> ...	1/6	30/-	100/-
A very popular species, thrives particularly in the Robertson district and should suit similar areas.				
Old Man Saltbush ...	<i>Atriplex nummularia</i> ...	2/-	40/-	150/-
A tall-growing species, succeeds in the O.F.S. and in the Karroo area.				
Black Russian Sunflower...	...	6d	7/6	25/-
Makes a large head and the seed yield is heavy and of good quality.				
Prolific White Sunflower...	...	9d	15/-	50/-
A dwarf variety, 3 to 4 feet, gives an immense head on a strong stem and yields a heavy crop of seed of finest quality.				
Tall Russian Sunflower ...	...	6d	7/6	25/-
A summer crop that thrives almost throughout South Africa, especially in the summer-rainfall areas.				

Seed Inoculation

The inoculation of seeds has been common practice for many years and it is now realized that good results are obtained only when the following conditions apply:

1. When the seed bed has been properly prepared.
2. When the soil is sweet.
3. When good seeds are used.
4. When the inoculant is fresh and vigorous.

Soil Inoculants.—"Farmogerm," "Stimugerm" and similar cultures are now largely used as a starter for the soil bacteria that cause the production of nitrogen nodules on the roots of leguminous plants. A distinct culture is used for each crop or, more correctly, group of crops. When ordering, state the crop for which it is required.

Soil Inoculants are prepared as a distinct culture for each crop. There are six cultures available at present, as under:—

- No. 1 For Clovers (*Trifolium* species).
- No. 2 For Lucerne, Hubam Clover and Sweet Clover.
- No. 3 For Vetches, Broad Beans, Garden and Sweet Peas.
- No. 7 For Cow Peas, Mungo, Lima and Velvet Beans.
- No. 8 For French Beans and Runner Beans.
- No. 9 For Soy Beans.

Soil Inoculant is easily applied to the seed just before using; full directions with each bottle.

Price: $\frac{1}{2}$ Bushel size—3/9 per bottle.

Vegetables.

We pay postage on **FOURPENNY** and **SIXPENNY** PACKETS of Vegetable Seeds to any address in South Africa.

GARDEN PEAS.

(*Pisum sativum*).

This crop is easily grown and may be attempted even by the inexperienced. Its principal requirements are deeply worked and well-drained soil

All varieties 6d per pkt.		Per lb	25 lbs	100 lbs
Greenfeast	...	1/-	16/8	60/-
The leading Pea in New Zealand to-day, 18 to 24 inches, dark green foliage, curved pod, heavy cropper, stands a hot climate well.				
Laxton's Fillbasket	...	1/-	22/6	75/-
Curved pods of medium length, exceedingly well filled, semi-dwarf, 2½ to 3 feet.				
Stratagem	...	1/-	17/6	65/-
One of the finest dwarf varieties, extremely popular with market growers, large pods, well filled, finest flavour, 1½ to 2 ft.				
Sugar Peas, Dwarf Early	...	1/3	27/6	100/-
Edible-podded, a very prolific variety, 2 to 3 feet.				
Telephone	...	1/3	27/6	105/-
The best for late sowing, carries large and well filled pods, strong grower, 4 to 5 ft.				
Wiehahn's Crescent	...	1/-	17/6	67/6
A remarkably fine variety of local origin, a splendid cropper and very popular, particularly reliable for the earliest sowings.				
Yorkshire Hero	...	1/-	20/-	75/-
A reliable variety, heavy cropper of excellent pods, splendid flavour, 2½ to 3 ft.				

BROAD BEANS.

(*Vicia faba*).

Locally known as "Boer Boontje," the Broad Bean is the first to be sown in autumn and is considered a delicacy among vegetables. It is easily grown and bears heavily.

All varieties 6d per pkt.		Per lb	25 lbs	100 lbs
Aquadulce	...	1/-	20/-	75/-
Gives probably the longest pod among the Broad Beans.				
Carter's Leviathan	...	1/3	25/-	95/-
Hardy and suitable for early, medium or main crop, long pods, with 8 to 10 beans of excellent flavour.				
Seville Long Pod	...	1/-	20/-	75/-
An early variety producing a good crop of very long pods with from 4 to 8 beans of good size.				

Good Seed is Cheap at a Good Price.

Cheap Seed is often dear at any price.

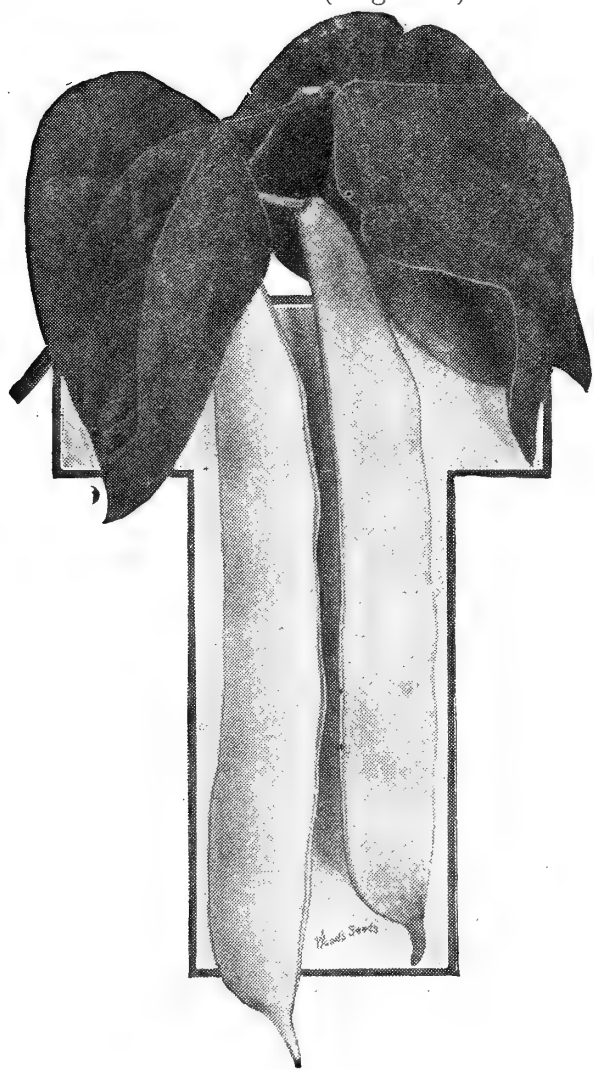
The finest vegetables are produced from "Kudu" Seeds.



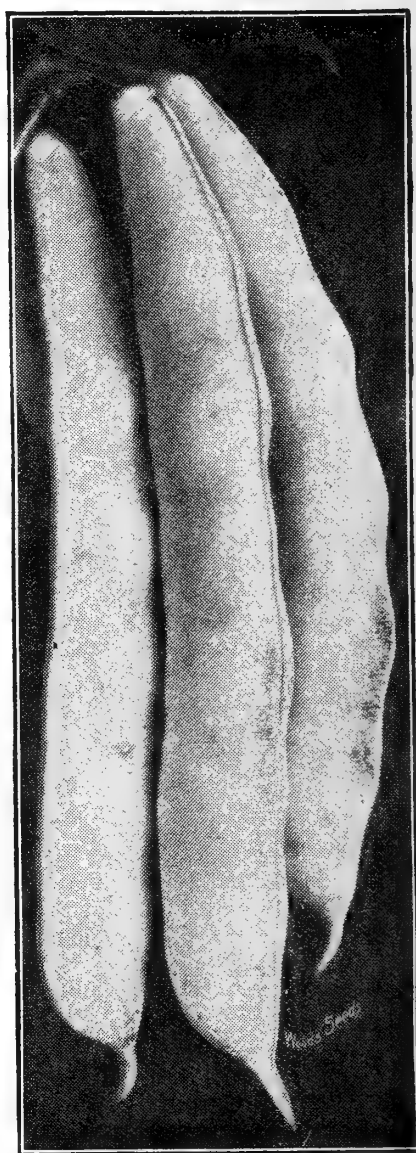
Lima Beans
(Page 37)



Mont d'Or Butter Bean
(Page 35)



The Shah Bean
(Page 35)



Rustless Golden Wax Bean.
(Page 35)

FRENCH BEANS.

(Phaseolus vulgaris et multiflorus).

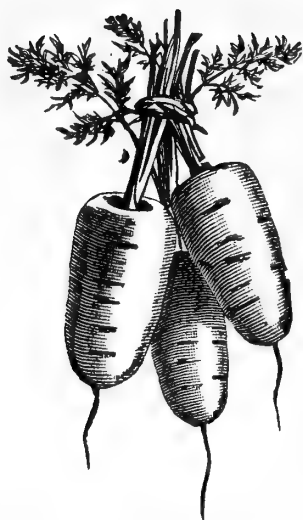
A well known Summer Vegetable of the simplest possible cultivation. If the pods are picked regularly and clean the crop is long continued and very heavy.

All varieties 6d per pkt.			Per lb	25 lbs	100 lbs
Black Speckled	... Dwarf	...	1/6	35/-	132/6
Vigorous grower, straight, green p.ds, 4-6 inches long and almost round, very prolific bearer.					
Black Valentine	... Dwarf	...	1/9	37/6	145/-
Probably the hardest of all French Beans and may be sown very early when other varieties would suffer severely from the cold, green-podded.					
Chevrier	... Dwarf	...	1/-	22/6	85/-
Valued for canning because the beans retain their green colour when dried and even when cooked.					
Half White Sugar	... Dwarf	...	9d	15/-	55/-
A very popular variety, the beans are large and oval-round and beautifully marked, they may be used green or dry and are of excellent flavour.					
Kentucky Wonder	... Runner	...	1/9	37/6	145/-
Green podded, heavy cropper, robust grower.					
Kudu-Stringless	... Dwarf	...	1/9	40/-	150/-
Prolific bearer of beautiful round green pods, entirely stringless, may be sown early because it resists cold better than most varieties.					
Mont d'Or Butter	... Dwarf	...	1/6	32/6	120/-
A yellow-podded, black-seeded variety of great merit, large pods of excellent quality are borne in profusion.					
Pencil Pod Black Wax	... Dwarf	...	1/9	37/6	145/-
Long round pods of rich yellow colour, tender and absolutely stringless, early and profuse bearer.					
Port Natal Sugar	... Dwarf	...	9d	15/-	50/-
Similar to "Half-White" but a somewhat smaller bean and without the half-white marking.					
Red Canadian Wonder	... Dwarf	...	1/-	20/-	75/-
Strong grower, heavy cropper, pods large, excellent quality, so well known that it needs little recommendation.					
Red Valentine	... Dwarf	...	2/-	42/6	165/-
Green-podded, long, fleshy, crisp and tender, a reliable cropper.					
Rustless Golden Wax	... Dwarf	...	1/9	37/6	140/-
Large handsome stringless pods, brittle and tender, inclined to throw out tendrils because of its vigorous growth but retains the bush form.					
Scarlet Runner	... Runner	...	1/6	30/-	110/-
Highly ornamental, heavy cropper of large pods, should be plucked while young and tender.					
The Shah	... Dwarf	...	1/9	37/6	140/-
Vigorous grower, long, straight, green pods, 6-7 inches, seed black, one of the best for producing choice snaps.					
White Canterbury	... Dwarf	...	1/6	32/6	120/-
Probably the most reliable of the white-seeded varieties, pods rather flat and slightly curved, prolific bearer.					

THE FINEST VEGETABLES ARE PRODUCED FROM "KUDU" SEEDS.



White Canterbury Bean (Page 35)



Dutch Horn Carrot
(Page 37)

**Stump Rooted
Half Long Scarlet
Carrot.**

(Page 39)



Chantenay Carrot (Page 37)



Early Blood Red Turnip Beet
(Page 37)

French Beans—continued.

	Per lb	25 lbs	100 lbs
White Navy ...	1/-	20/-	75/-
A splendid variety for growing a crop of dry beans for winter use, strong upright growth, ripens uniformly, sow in rows 3 feet apart.			
White Scimitar or Case-Knife Dwarf ...	1/-	22/6	85/-
A white-seeded variety early and productive, excellent pods.			

LIMA BEANS.

(*Phaseolus lunatus*).

Lima Beans are very largely grown in America where they are greatly esteemed as a table bean used in similar manner to Broad Beans. The flavour, however, is distinct and the bean is tender to frost so that it becomes a summer crop and cannot be sown at the same time as Broad Beans. In other respects it may receive similar cultural treatment. As a summer crop the Lima Bean is not yet fully appreciated in South Africa, but it makes so delicious a vegetable that it must surely come into great favour in the near future.

All varieties 6d per pkt.

	Per lb	25 lbs	100 lbs
Wilson Bush ... Dwarf ...	2/6	52/6	200/-
The very latest improvement in the large type of Bush Limas, long pods, large buttery beans, unsurpassed for flavour.			

BEET.

(*Beta vulgaris*).

All varieties 4d. and 6d. per pkt.

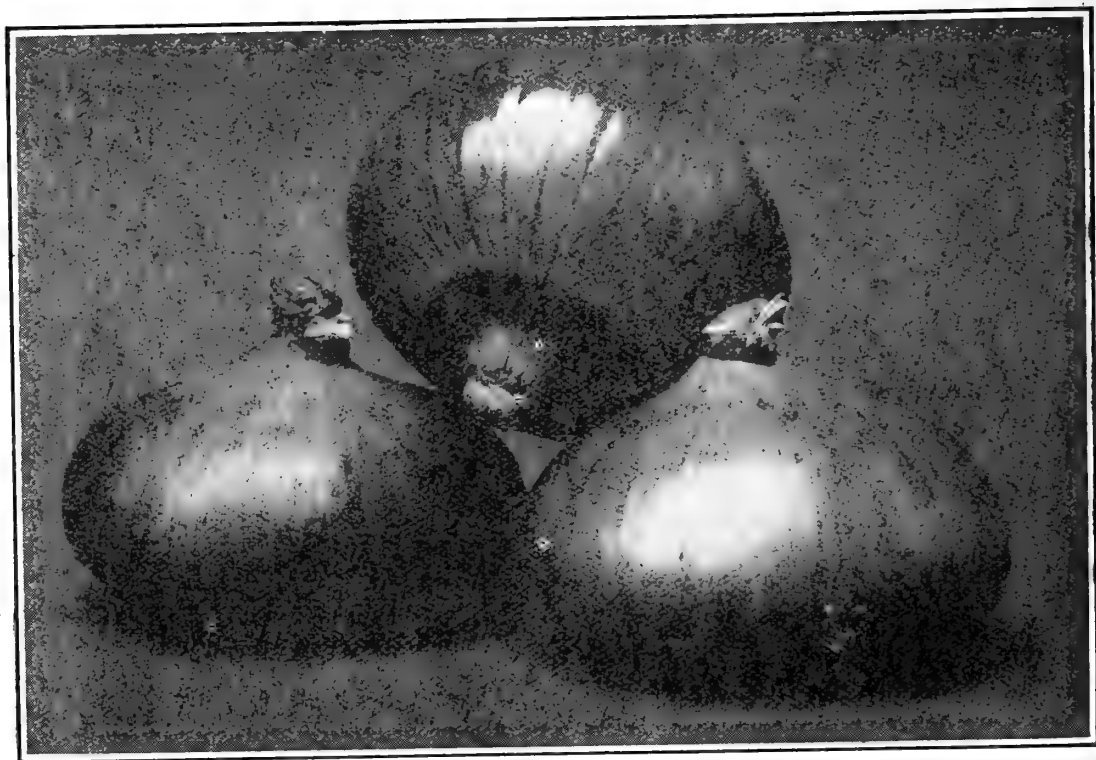
	Per oz	$\frac{1}{4}$ lb	lb
Early Blood Red Turnip ...	6d	1/3	3/6
Of dark red colour and excellent flavour, a variety of great merit as the bulbs come very true in form and type and it is early-maturing.			
Extra Early Flat Egyptian ...	6d	1/3	3/6
One of the earliest varieties, root flattened especially underneath, flesh dark blood red, leaves brown-red mixed with green.			
Improved Dark Red Flat Egyptian ...	6d	1/3	3/6
By careful selection this variety has been improved in colour and type as compared with the original "Egyptian" Beet.			

CARROTS.

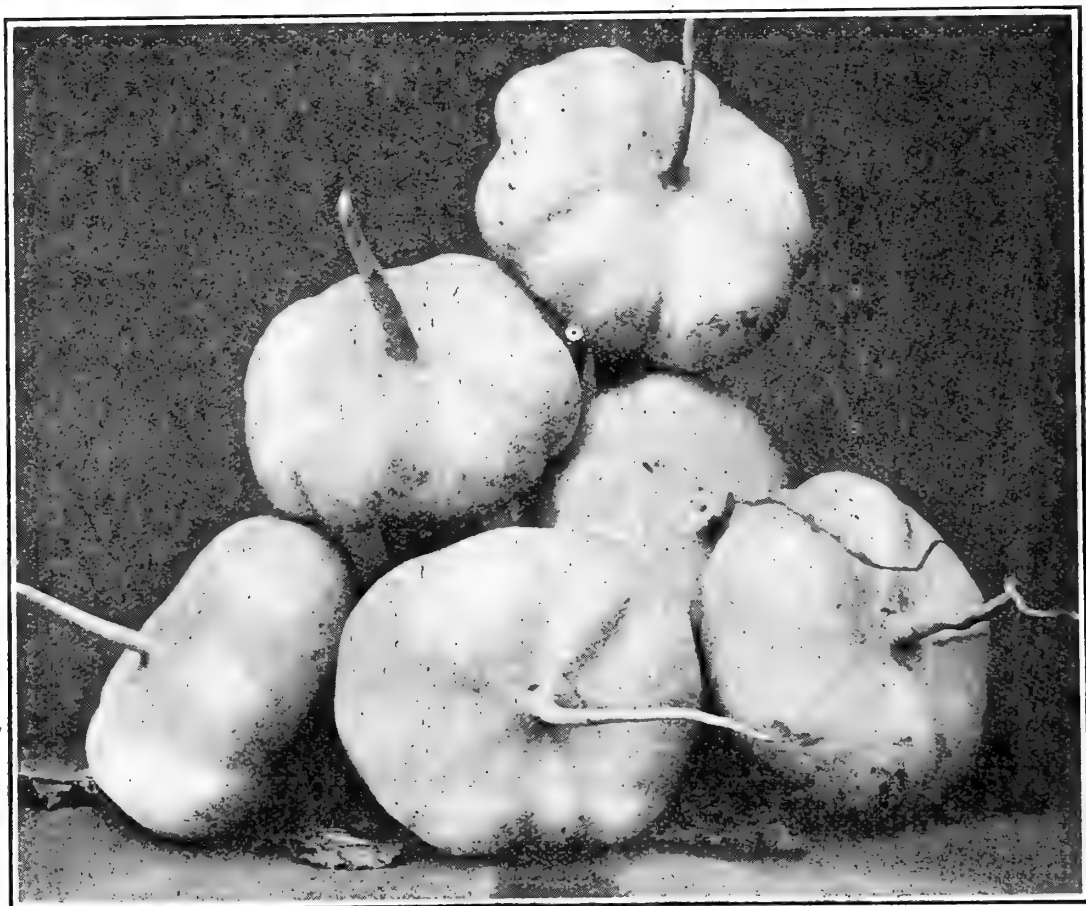
(*Daucus carota*, L.)

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Chantenay ...	6d	1/3	4/-
Of splendid shape and the best of table quality and one of the most reliable croppers. It is consequently a prime favourite.			
Dutch Horn or Early Short Horn ...	6d	1/3	4/-
Orange-red, tapering to the tip which is usually blunt, length about 3 inches, rapid grower.			
Long Red Altringham ...	6d	1/9	6/-
A very long, but somewhat slender root of excellent quality, the colour being entirely red. It requires a rich soil, deeply worked.			
Long Red Surrey ...	6d	1/6	5/-
A splendid table variety when well grown and drawn at a suitable stage of its development.			
Nantes Early Half-Long ...	6d	1/9	6/-
An extremely popular table variety. It is red-fleshed with mild, sweet flavour and almost coreless.			



Cape Straw-Coloured Onion (See page 39)



Earliest White Milan Turnip (See page 40)

Carrots—continued.

	Per oz	$\frac{1}{4}$ lb	lb
Oxheart or Guerande ... A favourite variety of excellent table quality, a reliable cropper and of good shape, between Short Horn and the Intermediate types in length.	6d	1/9	6/-
Stump-Rooted Half-Long Scarlet ... A half-long variety of good size, colour and flavour and a reliable cropper. It is fairly early in maturing.	6d	1/6	4/6
White Belgian ... A splendid table carrot if drawn before the roots are too large, also largely used for a field crop.	6d	1/-	3/-

ONIONS.

(*Allium cepa.*)

All varieties 4d. and 6d. per pkt.	Per oz	$\frac{1}{4}$ lb	lb
Australian Brown ... <i>Late</i> ... A splendid keeper and heavy cropping variety.	1/-	3/6	12/6
Brown Spanish ... <i>Late</i> ... Medium size, brown skin, sound and solid. It is a splendid keeper and heavy cropper.	1/-	3/-	10/6
Cape Straw-Coloured ... <i>Late</i> ... As a main-crop variety this is unsurpassed. It produces a very heavy crop of large bulbs and is one of the most profitable varieties to grow.	1/-	3/-	10/6
Danvers Yellow ... <i>Late</i> ... A heavy cropper of good size and a remarkably good keeper.	1/-	3/-	10/6
Early Flat Yellow Cape ... <i>Early</i> ... Like White Bermuda, very early, the best variety to catch the early market or for districts with a short growing period.	1/3	4/-	15/-
Paris Silver-Skinned ... <i>Early</i> ... Silvery white, flattened bulb, one of the best early white pickling onions.	9d	2/6	8/6
Prizetaker ... <i>Late</i> ... A large and uniformly round onion, thin neck, straw-coloured, of somewhat recent introduction and gaining rapidly in popular favour.	1/3	3/9	13/6
White Queen ... <i>Early</i> ... Gives a comparatively small and much flattened bulb of silvery white colour and is remarkably early.	9d	2/6	8/6

PARSNIPS.

(*Peucedanum sativum.*)

All varieties 4d. and 6d. per pkt.	Per oz	$\frac{1}{4}$ lb	lb
Hollow Crown ... Gives a long, smooth root and is a highly productive variety.	6d	9d	2/6
Suttons Student ... Gives a splendid thick root somewhat shorter than Hollow Crown.	6d	9d	2/6

Good Seed is Cheap at a Good Price.

Cheap Seed is often dear at any price.

The finest vegetables are produced from "Kudu" Seeds.

RADISHES.*(Raphanus sativus).*

All varieties 4d. and 6d. per pkt.		Per oz	$\frac{1}{4}$ lb	lb
China Rose Winter ...	...	6d	1/-	3/-
Large and solid, half-long in shape and of mild flavour, can stand longer than other varieties without becoming spongy, suitable for winter.				
Crimson Globe ...	...	6d	1/-	3/-
A small round red radish of excellent flavour and crisp quality. It is a very rapid grower and one of the best if suitably forced.				
Early Round Deep Scarlet ...	...	6d	1/-	3/-
An excellent forcing variety of attractive appearance.				
French Breakfast ...	...	6d	1/-	3/-
A highly favoured variety and of excellent quality when well grown. It is oval in shape and the colour is scarlet tipped with white.				
Long Black Spanish ...	...	6d	1/-	3/-
For Winter growing. Flesh white, firm and very pungent.				
Long Red ...	...	6d	1/-	3/-
A crisp and fairly quick-growing variety of excellent flavour.				
Round White Spanish ...	...	9d	2/3	7/6
Specially good for Winter growing.				
Scarlet Gem ...	...	6d	1/-	3/-
Round scarlet, white tipped, very fine for forcing.				

SWEDES.*(Brassica rutabaga, L.)*

All varieties 4d. and 6d. per pkt.		Per oz	$\frac{1}{4}$ lb	lb
Sutton's Champion ...	...	6d	9d	2/-
A much-favoured variety for the vegetable garden and it can be confidently recommended.				
Webb's Imperial Purple Top ...	...	6d	9d	2/-
Of good size and fine quality.				

TURNIPS.*(Brassica rapa, L.)*

All varieties 4d. and 6d. per pkt.		Per oz	$\frac{1}{4}$ lb	lb
Earliest White Milan ...	...	6d	1/-	3/-
Clear white, very smooth, round and flat, flesh tender and sweet, one of the best of the early varieties.				
Early Snowball ...	...	6d	9d	2/-
Snow-white, ball-shaped, rapid grower, makes a good size in record time, it is juicy and of splendid flavour.				
White American Strapleaf ...	...	6d	9d	2/-
An early, white, flat turnip of excellent quality and flavour. It endures heat well and is consequently the best variety for summer sowing.				

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

OTHER ROOTS.

All varieties 4d. and 6d. per pkt.		Per oz	$\frac{1}{4}$ lb	lb
Large Flag Leek	...	9d	2/6	8/6
Of large size and superb quality.				
White French Salsify	...	1/3	4/-	15/-
The Roots of this delicious vegetable are boiled or stewed like Carrots.				
Scorzonera	...	1/3	4/-	15/-
A black-rooted vegetable similar to Salsify. It is grown and treated and used just like Salsify.				

SEED POTATOES.

(*Solanum tuberosum*).

Every season we hand-pick thousands of cases of South African grown Seed Potatoes, selecting and sending out only the very best that we can find. These are dealt with from March onwards till about October, according to season.

From September onwards imported Seed Potatoes are also available and we always import large quantities of the most favoured varieties. We give below descriptions of varieties that have been available during the past season. Prices are quoted on application.

Arran Chief ...
One of the best Scotch varieties and now well known in South Africa.

Early Rose ...
A favourite early variety, it comes now almost entirely from France and the imported seed is usually of excellent quality, it matures in 3 months.

Eclipse ...
A high-class early kidney variety, heavy cropper.

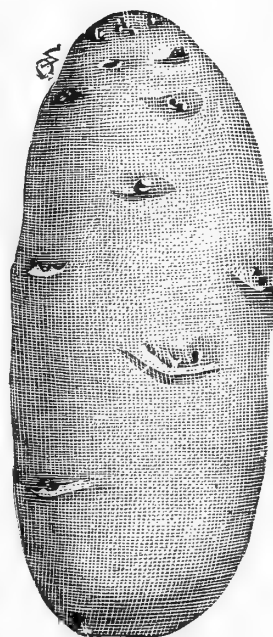
Evergood ...
A great favourite overseas, where it is taking the place of "Up-To-Date" and giving very general satisfaction as a heavy cropper of good quality.

Great Scott ...
Round-shaped tuber, flesh white and very good for cooking.

Kerr's Pink ...
Oval-shaped tubers, skin pink, white-fleshed, robust grower.

King Edward ...
A late variety of great merit.

Up-To-Date ...
Seed of this old favourite is now becoming somewhat difficult to obtain from England but supplies still come fairly freely from France.



**Early Rose
Potato.**



Brussels Sprouts
42

BROCCOLI.*(Brassica oleracea botrytis).*

Almost identical to Cauliflower, but is hardier. It requires the same treatment as Cauliflower and might well be tried in the colder districts where its extra hardiness may be a decided advantage.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Early White French ...	2/6	8/6	30/-
A hardy and early variety, easily grown and gives a firm, compact head.			
White Mammoth ...	1/-	3/-	10/6
A late variety producing a large head of good quality.			

BRUSSELS SPROUTS.*(Brassica oleracea gemmifera).*

Seed of this very delicious vegetable should be sown very early—November to January—and should be treated like Cauliflower. We strongly recommend our customers to try this as its value has not yet been sufficiently realized in this country.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Dwarf Improved ...	9d	2/6	8/6
This splendid variety gives sprouts of excellent quality on a stem of moderate height and is a very satisfactory cropper.			

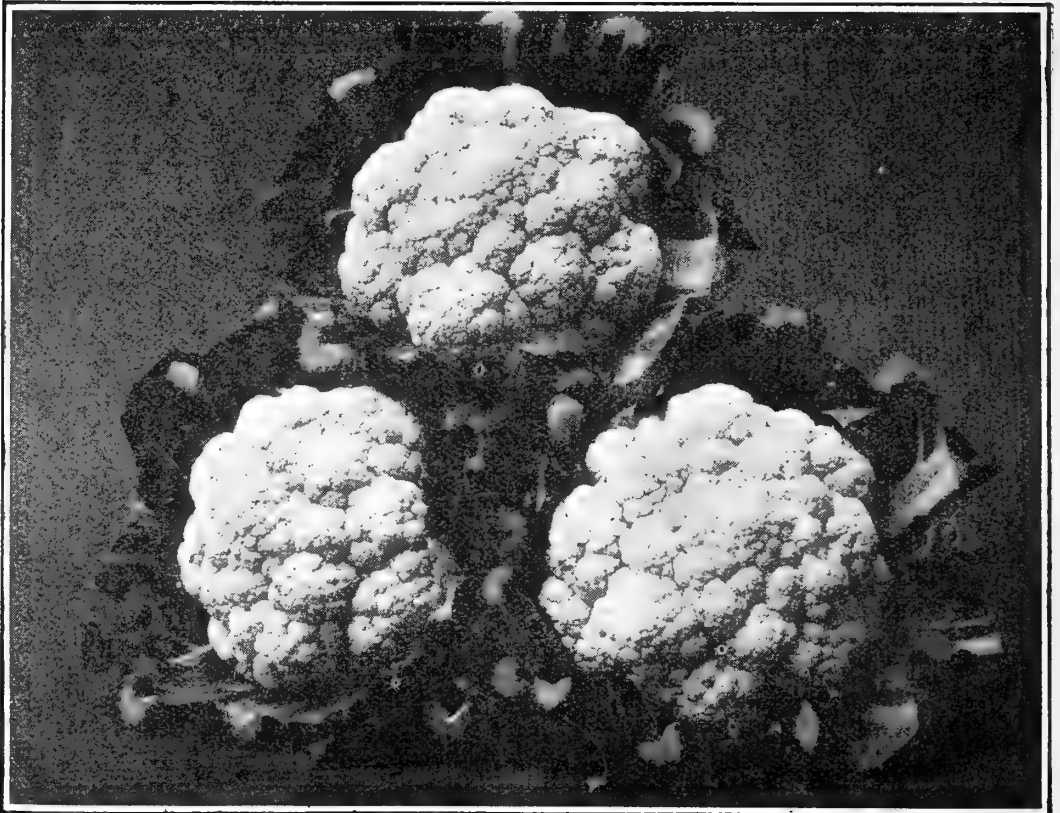
CABBAGE.*(Brassica oleracea capitata).*

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Cape Spitz Kool (Krul Blaar) ...	1/6	5/-	17/6
This well known variety is deservedly popular throughout South Africa. For the main winter crop it is unsurpassed. Seed is sown from November onwards till about the end of January but the later plants must be brought on quickly so that they are headed before the spring. It makes a fine large head which is very compact			
Chinese Pe Tsai ...	6d	1/6	5/-
This bears very little resemblance to the ordinary Cabbage. The young plants are easily mistaken for Turnips, the leaf being very soft and succulent. It is of remarkably quick growth and heads up very much like a Cos Lettuce. The leaves are soft and tender and may be used also as a spinach. Sow very early so that the plants may head up before the spring otherwise they will then go to seed.			
Copenhagen Market ...	9d	2/6	8/6
Very early, yet the solid round heads grow to a large size, on short stems with few outer leaves, a very fine variety for a quick crop.			
Daniel's Defiance ...	6d	1/6	4/6
In shape this resembles "Cape Spitz Kool" but it is earlier.			
Dark Red Early Dutch ...	9d	2/6	8/6
An early variety of very dark colour but less deeply coloured heart. The head is small, round and compact.			
Early Drumhead ...	9d	1/9	5/6
Heads round and flattened, very firm, matures about three weeks earlier than "Surehead" which it resembles in type.			
Early Jersey Wakefield ...	9d	2/-	6/6
This popular variety is of moderate size but matures very rapidly and is one of the best for late sowing.			



Copenhagen Market Cabbage.
(Page 43)



Southern Cross Cauliflower
(Page 45)

Cabbage—continued.
Glory of Enkhuizen

Per oz	$\frac{1}{4}$ lb	lb
9d	2/6	8/6

A sure-heading variety, very early, the heads almost perfectly round, solid and of good size and finest quality.

Green Globe Savoy

6d	1/6	5/-
----	-----	-----

A splendid globe-shaped variety, quick maturing and of very fine table quality. It is a sure cropper and may be used for a winter or for a spring crop.

Large Brunswick, Short Stem

6d	1/6	4/6
----	-----	-----

A flat-topped, medium early variety. It does well in a hot climate.

Large Oxheart

6d	1/6	4/6
----	-----	-----

An excellent variety for later sowing than Cape Spitz Kool. It makes large heads of excellent quality and good flavour.

Large Red Drumhead

9d	2/-	6/6
----	-----	-----

A thoroughly reliable and sure-cropping variety largely used for pickling.

Large Vertus Drumhead Savoy

6d	1/6	5/-
----	-----	-----

A splendid variety of good size and excellent flavour.

Masons Drumhead

6d	1/6	5/-
----	-----	-----

Large, broad, flat and hard head. One of the finest of the late varieties.

Robinson's Champion Drumhead

6d	1/6	4/6
----	-----	-----

A reliable Drumhead variety making large heads and a sure cropper. It may be sown early but may be continued longer than Cape Spitz Kool.

Surehead

9d	2/-	6/-
----	-----	-----

A large type of Drumhead, heads round and flattened, very hard.

Wheeler's Imperial

6d	1/6	4/6
----	-----	-----

A fairly early variety of sugar-loaf type with somewhat rounded point. An excellent market variety.

Winningstadt Early

9d	2/-	6/6
----	-----	-----

In type this is similar to "Early Jersey Wakefield" and may be sown late as it is a rapid grower and sure-heading variety of very fine table quality.

CAULIFLOWER.

(*Brassica oleracea botrytis cauliflora*).

All varieties 4d. and 6d. per pkt.

Early Italian Giant

Per oz	$\frac{1}{4}$ lb	lb
1/3	4/-	13/6

In character this is similar to "Late Italian Giant" but matures more quickly and may consequently be used for later sowing.

Late Italian Giant

1/-	3/-	10/6
-----	-----	------

Of large size and gives well protected heads. It is suitable for the main crop.

Late Metropole

1/3	3/9	13/6
-----	-----	------

A very late and hardy variety, large heads of snowy whiteness, tender and delicate flavour, does well at Modder River and should be tried in the Karroo.

Southern Cross

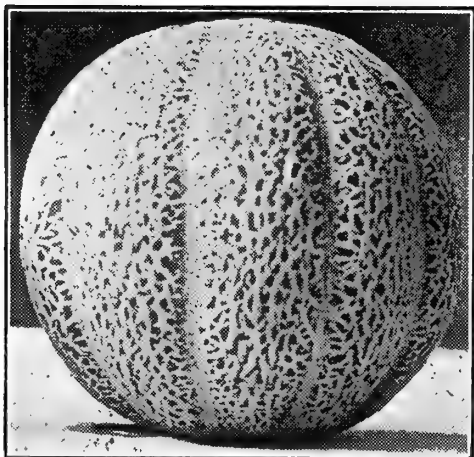
2/-	6/-	21/-
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A quick-growing variety giving large, compact and well-protected heads.

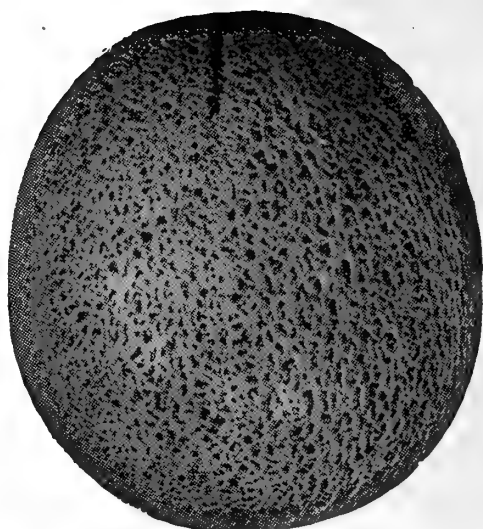
Veitch's Autumn Giant

1/-	3/-	10/6
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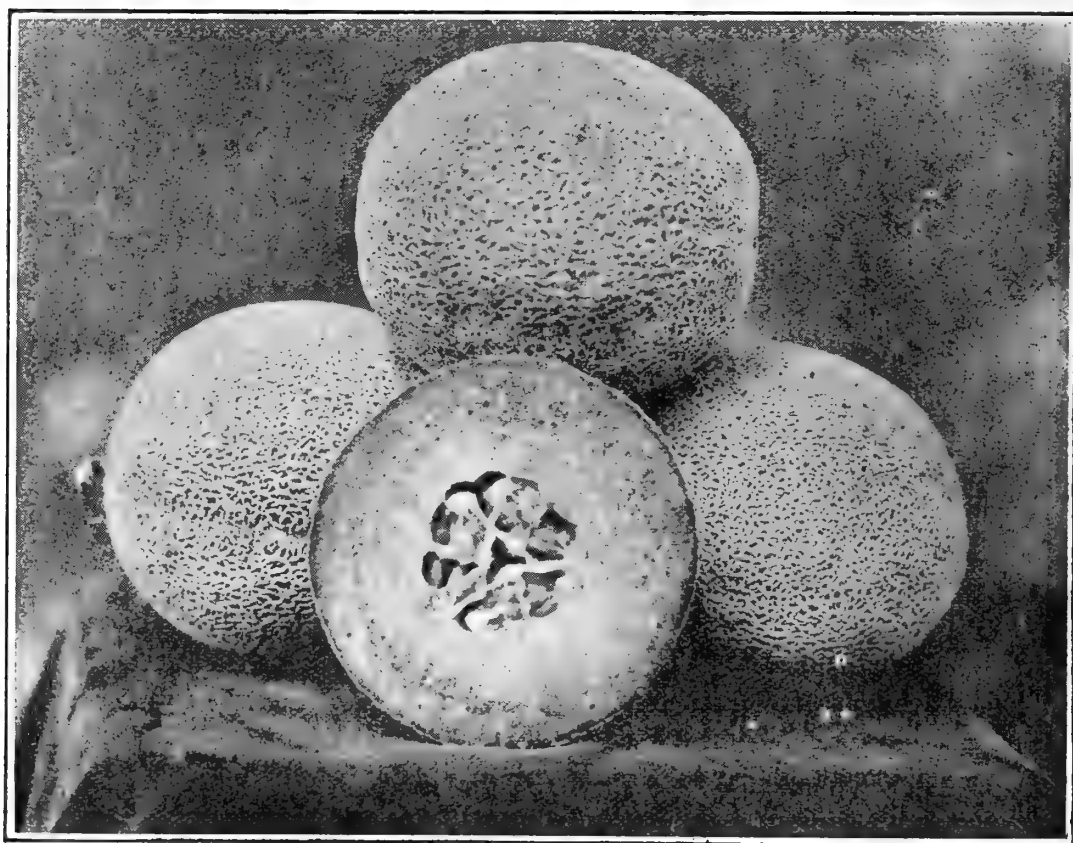
Gives large and firm heads and is a vigorous grower requiring plenty of room. It should be sown early for the main winter crop.



**Extra Early Hanover
Musk Melon**
(Page 49)



**Gold Lined Rocky Ford
Musk Melon.**
(Page 51)



**Pollock 10-25
Musk Melon**
(Page 51)

GARDEN KALE.

(Brassica oleracea acephala).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Chou Moellier or Marrow Kale ...	6d	9d	2/-
A large variety of Kale with thickened stem. The leaves may be used like Curled Kale but its value as a vegetable is in the stem which is used in the same manner as Kohl-Rabi.			
Dwarf Curled ...	9d	2/6	7/6
Of compact habit forming a dense mass of moss-curved foliage.			
Tall Curled ...	6d	1/3	4/-
Popularly known as Scotch Kale. Very hardy and of excellent quality.			

KOHLE-RABI or KNOL KOOL.

(Brassica oleracea caulorapa).

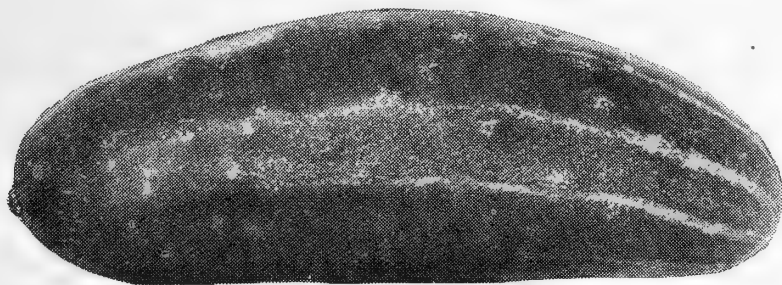
All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Early White Vienna ...	9d	2/-	6/-
A quick maturing variety of splendid quality. It may be sown early for a winter crop and also later for a spring crop.			
Extra Large White Goliath ...	6d	1/3	4/-
A vigorous grower producing large bulbs. It stands drought and heat better than most varieties.			
Purple Vienna ...	6d	1/6	5/-
The bulb and leaf stalks are purple, otherwise like Early White Vienna.			

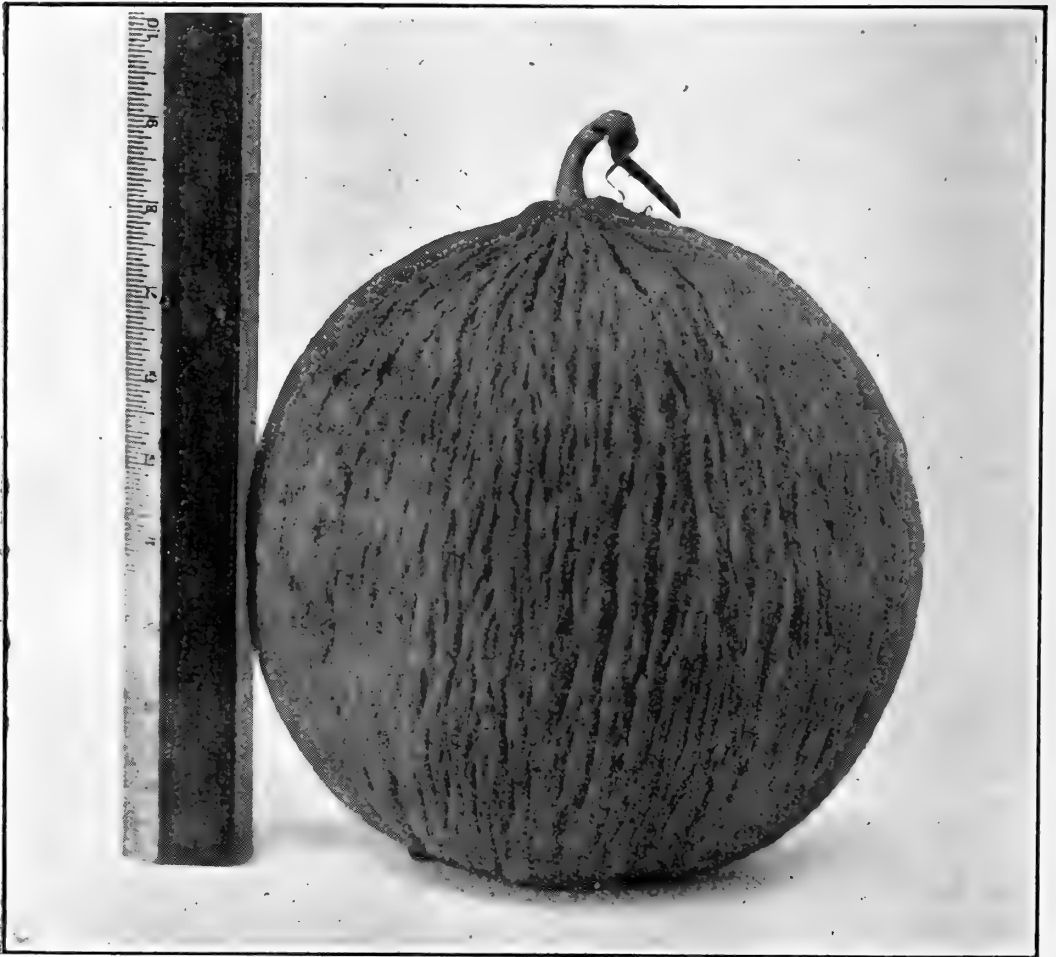
CALABASHES.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Bottle Gourd or Large Calabash ...	1/6	—	—
This variety is used by the natives as a water receptacle. It is also used as a vegetable in similar manner to Vegetable Marrow but must be taken very young for that purpose.			
Mzwell Vegetable Calabash ...	1/-	3/-	10/6
White-skinned, warted, should be boiled like Vegetable Marrow and for this purpose it is taken while young and tender, a delicious vegetable.			
Pipe Calabash ...	1/-	3/-	10/6
At one time largely grown for the manufacture of pipe bowls. It makes an excellent vegetable if used like Vegetable Marrow while very young.			



Klondike Cucumber.



Golden Beauty Muskmelon
(Page 49)



Wood's Earliest Prolific Squash.
(Page 53)

CUCUMBER.

(Cucumis sativus).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Bedfordshire Ridge ... A well known hardy and prolific variety. It is of moderate length and compact shape and a very heavy cropper.	9d	2/3	7/6
Fordhook Famous ... This variety is long, straight and well-formed, a vigorous grower and very productive. It retains its green colour particularly well.	9d	2/3	7/6
Japanese Climbing ... Comes into bearing quickly and sets its fruit constantly throughout the season. It is of excellent quality and a dark green colour	9d	2/3	8/6
Klondike ... Very early, good shape, medium length, keeps its colour remarkably well, recommended for South African conditions.	9d	2/3	7/6
Long Green English ... Fruit long and spiny, flesh thick, firm and crisp.	9d	2/3	7/6
New Model ... This Cucumber is very early, hardy and is uniform in shape and size, holds its deep rich green colour remarkably well and is affected less by the hot sun than any other.	1/3	3/6	12/6
West India Gherkin ... Small, green, oval fruit, covered with spines.	1/-	3/-	10/6
Wood's Ideal White Spine ... Early, prolific and produces a continuous crop of symmetrical fruits of good size and of an intense rich deep colour shading lighter towards the tip, holds its colour well and affected less by the hot sun than most varieties.	1/3	3/6	12/6
Woodside Telegraph ... This strain of the well known Telegraph Cucumber is the result of careful selection in South Africa and it is consequently hardier than the old variety.	3/-	10/-	35/-

MUSK MELONS.

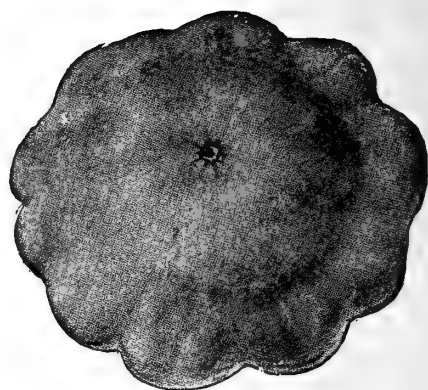
(Cucumis melo).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Bay View ... A long, late melon, large size, up to 12 lbs, green flesh of good quality, often called "Cape Spanspek."	9d	2/3	7/6
Burrell's Gem ... Skin rather dark green, thin rind, thick salmon coloured flesh, juicy and delicious flavour.	9d	2/3	7/6
Cape Winter or Export ... One of the finest export melons of the Casaba type, it has developed superior qualities from careful selection in South Africa.	1/3	4/-	12/6
Extra Early Hanover ... A round netted melon of good size and very early, thick green flesh, thin rind, delicious flavour.	9d	2/3	7/6
Golden Beauty ... A long-keeping melon of delicious flavour which should prove valuable for export.	9d	2/6	8/6



Hubbard Squash
(Page 53)



Golden Custard Squash
(Page 53)



**Wood's Ideal White
Spine Cucumber**
(Page 49)



**Sugar or Pie
Pumpkin**
(Page 51)

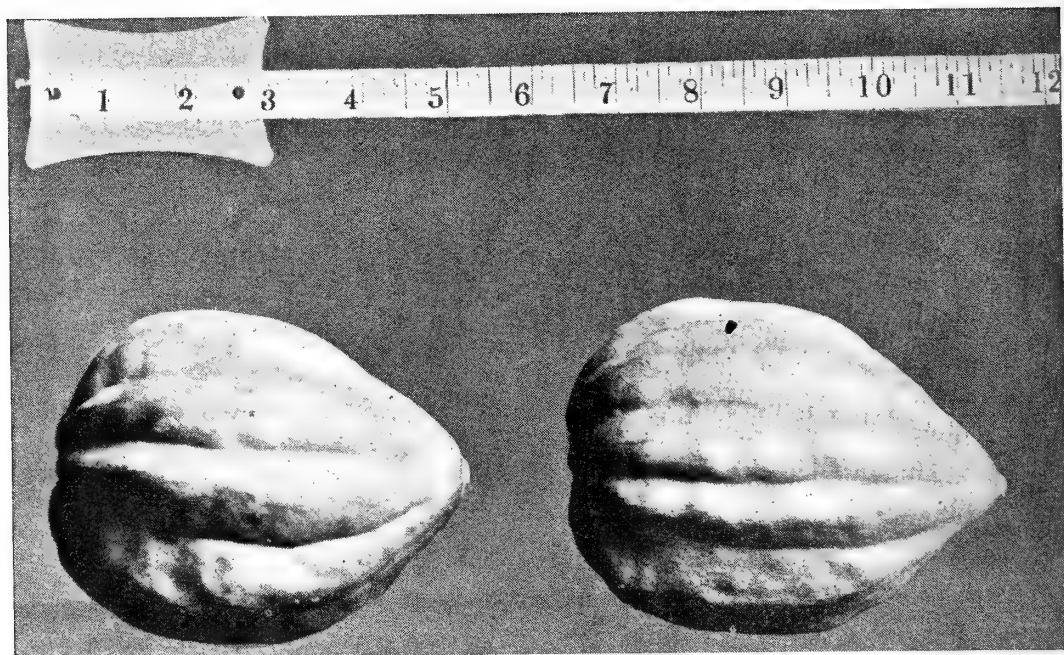


Table Queen Squash
(Page 53)

VEGETABLES—Cucurbits

51

Musk Melons—continued

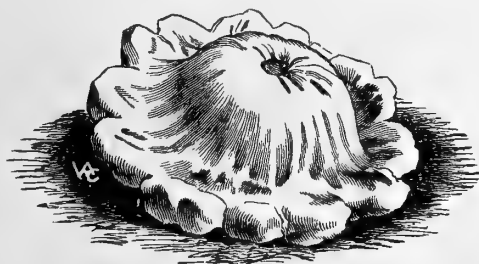
	Per oz	$\frac{1}{4}$ lb	lb
Gold Lined Rocky Ford ...	9d	2/3	7/6
Green-fleshed, sweet and deliciously juicy, the meat is thick and fine-grained, a round melon of good size and densely netted, highly rust-resistant.			
Honey Dew ...	9d	2/6	8/6
In type and appearance this is just like our "Cape Winter or Export Melon" and we have no doubt it will prove equally as valuable. Green fleshed.			
Hybrid Casaba ...	9d	2/-	7/6
The skin is green until the fruit begins to ripen when it turns to light yellow. The flesh is white, rich and luscious and from 2 to 3 in. thick.			
Pollock 10-25 ...	9d	2/3	7/6
An early melon of solid netted type, very small seed cavity, thick luscious flesh, salmon shading to green near the rind, carries well to distant markets.			
Woodside Mammoth ...	—	—	—
This variety has been lost, the nearest in type is "Bay View."			

PUMPKINS.

(*Cucurbita pepo*, L.)

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Bright Red Etampes ...	9d	1/6	5/-
Of medium size, flat, and bright red colour. It is very productive and of good flavour.			
Ceylon ...	9d	2/3	7/6
The name is local but in type this is the same as the American "Cushaw Striped" which is a crook-neck pumpkin of excellent quality.			
Fraserdale Improved Boer ...	1/3	3/6	12/6
An improved strain of the Cape Boer Pumpkin. It is a heavy cropper and splendid keeper. The flesh is thick and firm and of excellent flavour.			
Iron Bark ...	9d	2/6	8/6
Medium in size and of excellent flavour.			
Japanese Pie ...	9d	2/-	6/6
A very early and popular variety of crook-neck type, dark green skin, solid flesh, good flavour.			
Large Cheese ...	6d	1/6	5/-
Flat, cream coloured and slightly ribbed, very prolific and disease resistant, good keeper			
Sugar or Pie ...	9d	2/-	6/6
Fine grained, deliciously sweet, rich deep orange-yellow flesh, a good keeper.			
Winter Luxury ...	9d	2/-	6/6
Bright orange colour, very prolific, early, about 7 lbs, one of the sweetest pumpkins grown.			
Woodside Cape Sweet ...	9d	1/6	5/-
An improved strain of the popular Cape Sweet Pumpkin.			



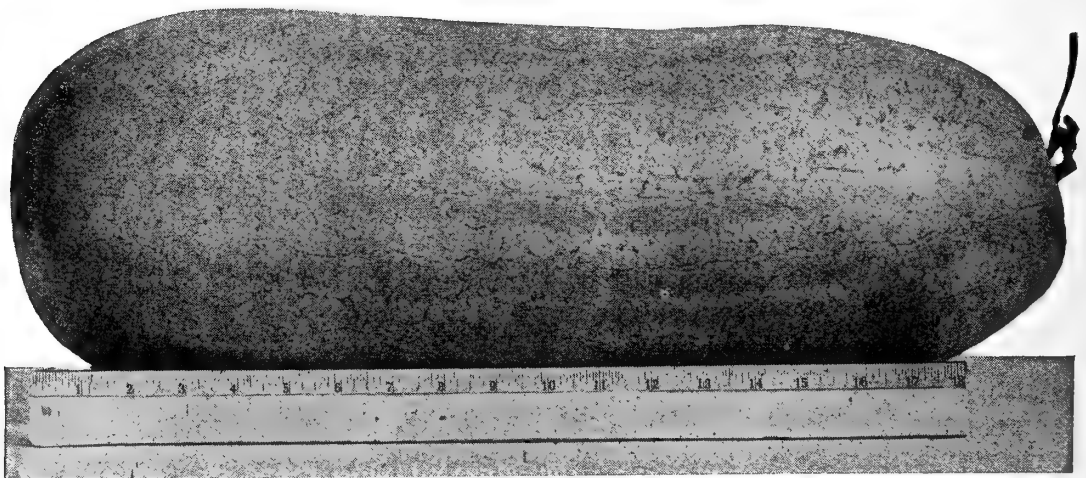
White Scallop Bush
Squash
(Page 53)



Alabama Sweets Watermelon
(Page 53)



Halbert Honey Watermelon
(Page 55)



Thurmond Gray Watermelon
(Page 55)

SQUASH and VEGETABLE MARROW.*(Cucurbita pepo.)*

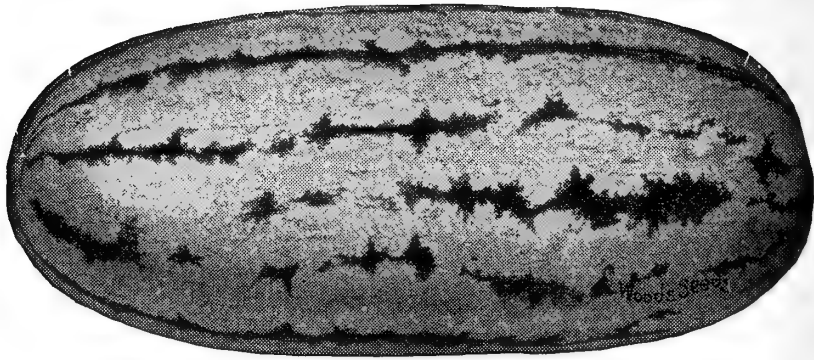
All varieties 4d. and 6d. per pkt.

		Per oz	$\frac{1}{4}$ lb	lb
Golden Custard Squash ... <i>Bush</i> ...		6d	1/-	3/6
This is a Mammoth strain of the Golden Bush on which it is a great improvement. It has golden yellow flesh of very fine quality.				
Hubbard Squash ... <i>Trailing</i> ...		9d	2/3	7/6
One of the finest squashes for winter use, large and heavy, bright orange flesh, fine grained, dry, sweet and richly flavoured, splendid keeper.				
Little Gem Squash ...		1/3	3/6	12/6
A small round green squash about the size of an orange, yellow when ripe. This most delicious squash is boiled and eaten without removing the seeds. There is nothing to equal it in flavour and it is a most prolific bearer.				
Long Green Vegetable Marrow <i>Bush</i> ...		9d	1/6	5/-
Similar to Long White Bush excepting in colour.				
Long White Vegetable Marrow <i>Bush</i> ...		9d	1/6	5/-
A favourite marketing variety and a great cropper.				
Table Queen ...		9d	2/3	7/6
A small squash of deep green colour and superb flavour. (See illustration).				
Turban (Turks Cap Small China) Squash <i>Bush</i> ...		1/-	3/6	12/6
This unique variety should be in every home garden. It is of most attractive appearance and of splendid quality.				
White Scallop Squash ... <i>Bush</i> ...		9d	2/3	7/6
A splendid early maturing variety which is a favourite among market gardeners.				
Wood's Earliest Prolific Squash <i>Bush</i> ...		1/3	3/6	12/6
Earlier than any other Squash, fruits similarly shaped to the ordinary Scalloped Squash but the scallops are not so pronounced.				
Woodside Mammoth Squash <i>Bush</i> ...		9d	2/3	7/6
A specially developed strain of White Scalloped Bush. The fruits are of tremendous size and splendid quality.				

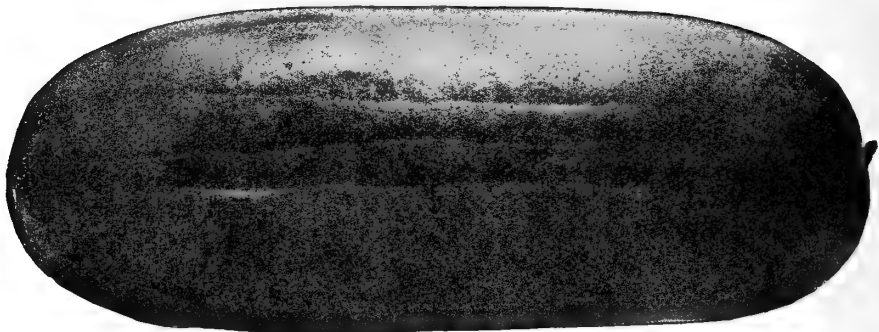
WATER MELONS*(Citrullus vulgaris).*

All varieties 4d. and 6d. per pkt.

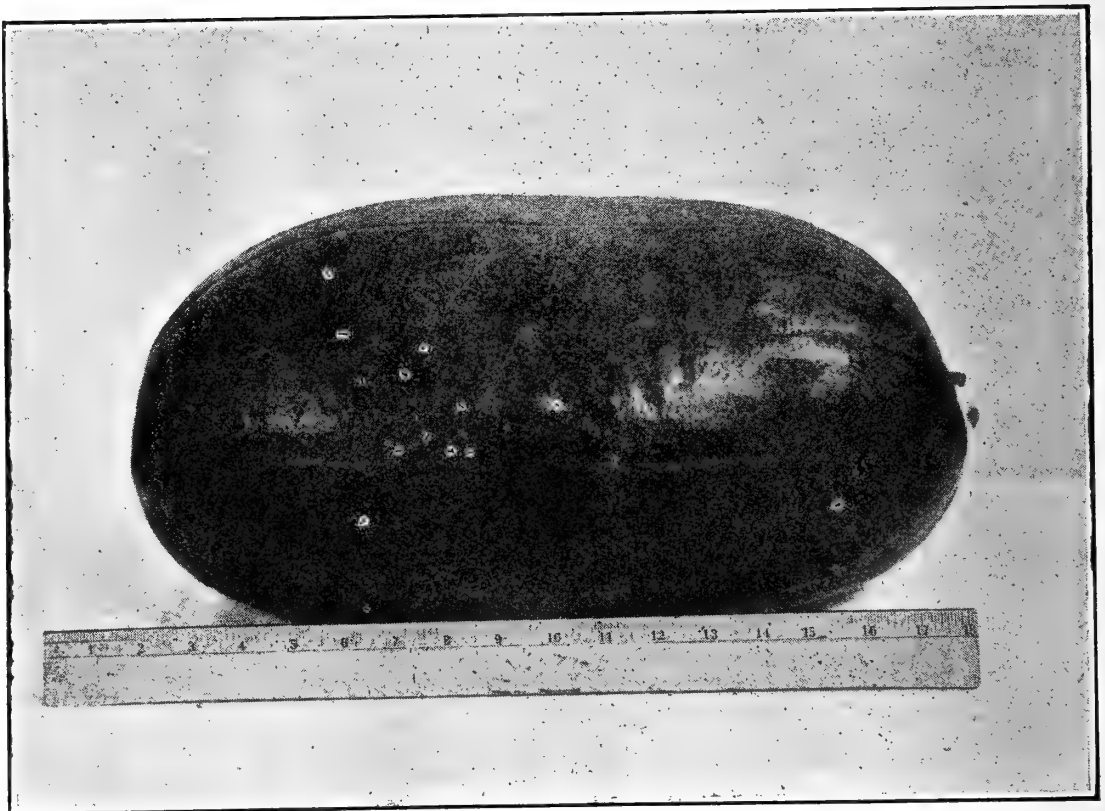
		Per oz	$\frac{1}{4}$ lb	lb
Alabama Sweets ... <i>White Seed</i> ...		6d	1/6	5/-
Oblong in shape, large and attractive, skin bright green with darker stripings; flesh bright red, solid, sweet and entirely free of stringiness.				
Cape Ice Cream ... <i>White Seed</i> ...		1/-	3/-	10/6
A long melon, very early, luscious and crisp with a thin rind; differs only in shape from <i>Peerless</i> which is almost round.				
Dark Icing ... <i>White Seed</i> ...		6d	1/6	5/-
An extra early and extra good melon for home use and nearly by market. It is one of the most delicious of melons, rich red and sugary to the very thin rind.				
Dixie ... <i>Black Seed</i> ...		6d	1/6	5/-
Oblong in shape, very dark green with lighter stripes, good keeper, bright red flesh, very thin rind.				



Georgia Rattlesnake Watermelon
(Page 55)



Tom Watson Watermelon
(Page 55)



Kleckley's Sweet Watermelon
(Page 55)

Watermelons—continued

		Per oz	$\frac{1}{4}$ lb	lb
Excel ... <i>Black Seed</i> ...	A large melon, rather late, dark green skin, tough rind, good carrier, a favourite in the Transvaal.	6d	1/6	5/-
Florida Favourite ... <i>White Seed</i> ...	Splendid large, long melon. It matures early, carries well and is a fine home melon. Its solid, juicy, bright crimson meat is deliciously sweet and the rind is thin.	6d	1/6	5/-
Georgia Rattlesnake ... <i>White Seed</i> ...	An old and favourite variety. It has a thin, tough rind and deep scarlet flesh with a flavour that is unsurpassed by any other variety.	6d	1/6	5/-
Halbert Honey ... <i>White Seed</i> ...	A long early melon with dark glossy green skin, crimson flesh, and unsurpassed for sweetness. It is splendid for home use and nearby markets.	6d	1/6	5/-
Ice Cream ... <i>White Seed</i> ...	Oblong in shape, medium green colour, very thin rind, prolific, exquisite flavour, too brittle for shipping.	6d	1/6	5/-
Kleckley's Sweet ... <i>White Seed</i> ...	Dark green skin, thin rind, flesh sweet, crisp and sugary with a solid heart, a long melon of good shape.	6d	1/6	5/-
Sugar Stick ... <i>Black Seed</i> ...	One of the best of the long melons, light green, tough rind, delicious flavour.	6d	1/6	5/-
Thurmond Gray ... <i>Brown Seed</i> ...	A large, long melon, good carrier, light green rind, very fine quality.	6d	1/6	5/-
Tom Watson ... <i>Brown Seed</i> ...	A large and long melon. It has a dark green skin which is thin but tough and carries well. The flesh is deep red, crisp, melting, and of finest flavour.	6d	1/6	5/-
Wondermelon ... <i>White Seed</i> ...	A very fine variety in every way and handsome in appearance.	6d	1/6	5/-

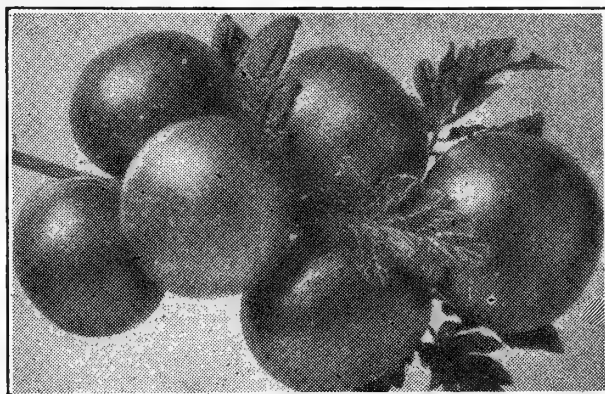
TOMATOES.

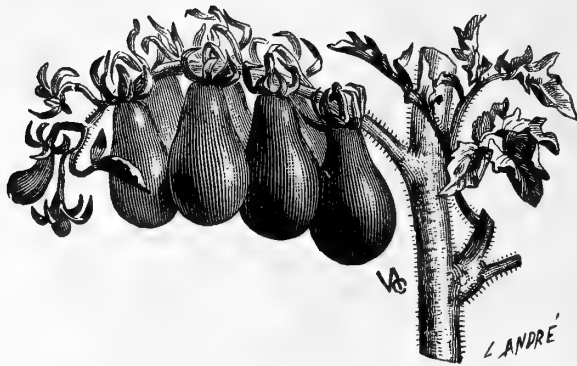
(*Lycopersicum esculentum*).

All varieties 4d. and 6d. per pkt.

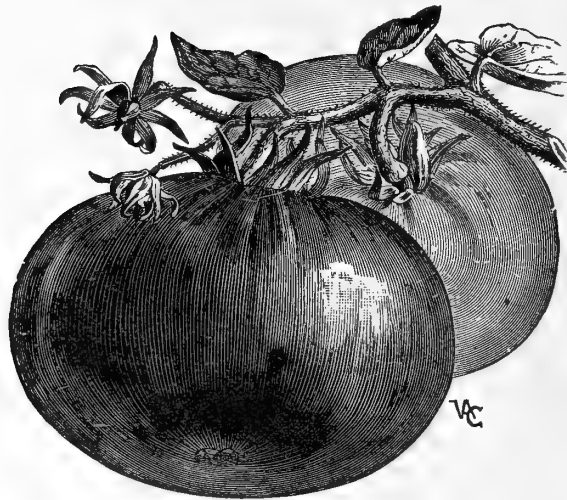
	Per oz	$\frac{1}{4}$ lb	lb
Bonnie Best ...	2/-	6/9	25/-
Extra early, producing fruits of an intense scarlet colour and superb quality, suitable either for canning or for table, or ordinary market purposes.			

Bonnie Best
Tomato

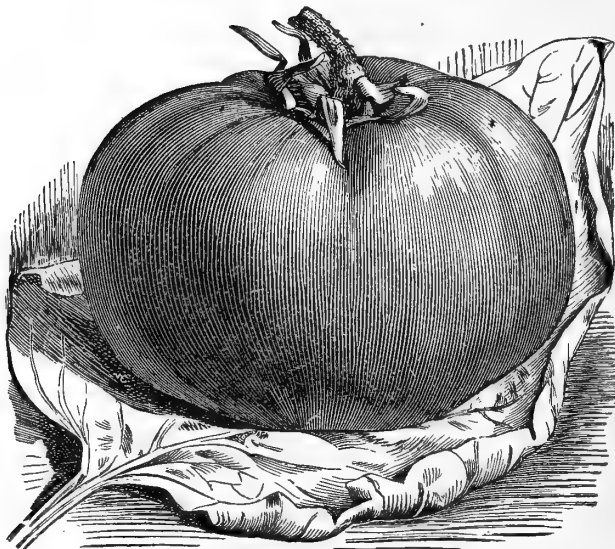




Red Pear Tomato
(Page 57)



Danish Export Tomato
(Page 57)



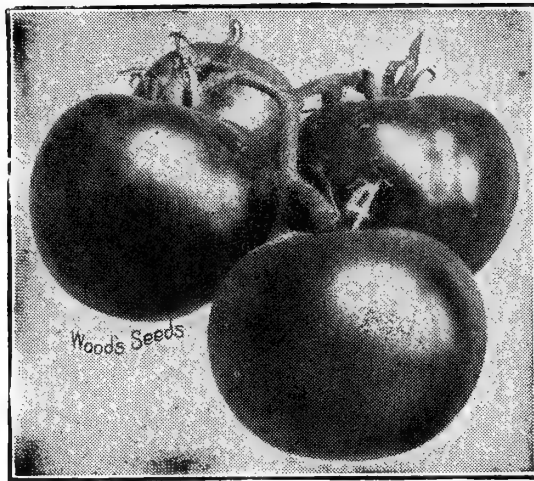
Mikado Scarlet Tomato
(Page 57)

Tomatoes—continued.

	Per oz	$\frac{1}{4}$ lb	lb
Chalks Jewel ...	2/-	6/9	25/-
Extra early in maturity, a heavy cropper and of bright red or scarlet colour, being much after the style of "Matchless."			
Danish Export ...	1/-	3/-	10/6
An apple-shaped variety of medium size and very productive, the fruits produced in large clusters, splendid for canning.			
Large Red Early ...	9d	2/6	8/6
A ribbed variety of fair size and giving a heavy yield, bunches of 3 to 6, ripens early.			
Livingston's Coreless ...	2/6	8/6	30/-
Bright red, almost round and very productive bearing clusters of 4 to 7 fruits 6 in. to 8 in. apart along the stem.			
Matchless ...	2/-	6/9	25/-
A thoroughly dependable variety suitable for canning and every other purpose, large fruits, solid, free from core and of good shape.			
Mikado Scarlet ...	2/-	6/9	25/-
Large and smooth, bright scarlet, thick flesh, earlier than "Purple Mikado."			
Norduke Wilt Resistant ...	3/9	13/6	50/-
Large, smooth, red fruits in profusion, medium early.			
Norton Wilt Resistant ...	3/-	11/-	40/-
Late, smooth, solid and finely flavoured.			
Pear-Shaped Yellow ...	2/6	8/6	—
Very ornamental, strong grower, prolific bearer, excellent for preserves.			
Perfection ...	2/-	6/9	25/-
Early, quite smooth, strong skin, solid, fine market variety and excellent for canning.			
Ponderosa ...	2/-	6/9	25/-
Gives fruit of enormous size.			
President Garfield ...	1/6	4/6	15/-
The fruits are large and of splendid table quality. The plant is a strong grower and heavy bearer.			
Red Pear ...	1/9	6/-	22/6
The fruit is handsome and solid and the finest for preserves.			
Spark's Earliana ...	2/3	7/6	27/6
Extra early, gives fruits of good size, solid and of good quality, probably the earliest of all Tomatoes.			
Starke's Invincible Canning ...	1/-	3/-	10/6
This excellent variety has been specially selected for canning purposes for which it is admirably suited because of its medium size, firm flesh and beautiful round shape. The fruit is borne in clusters and the plant is an exceptionally heavy bearer. Apart from canning it is also a most desirable table variety, being of suitable size and excellent quality in every way.			



Spark's Earliana Tomato
(Page 57)



Wood's Improved Beauty Tomato
(Page 59)



Perfection Tomato
(Page 57)

Tomatoes—continued

	Per oz	$\frac{1}{4}$ lb	lb
Trophy, Smooth ...	1/9	6/-	22/6
An improved strain of this old favourite variety.			
Wood's Brimmer ...	7/6	27/6	100/-
A very large-fruited variety, free from core and very few seeds, very late.			
Wood's Improved Beauty ...	2/-	6/9	25/-
This is one of the most productive main crop Tomatoes. The strain we are offering is the result of continued selection and it has proved itself a very great favourite in South Africa, especially in the Transvaal. The fruits are always smooth, large and perfect form and quality. They are borne in clusters of 4 to 6. They ripen up well and early and the flesh is very firm and seldom cracks after rain. It is specially suited for transporting to distant markets.			

LETTUCE.
(Lactuca sativa).

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
All The Year Round ... <i>Cabbage</i> ...	9d	2/6	8/6
A small and quick-maturing variety which can be sown at almost any season. It is one of the most successful varieties.			
California Cream Butter ... <i>Cabbage</i>	1/-	3/-	10/6
Of distinct shape, heading up like a Cabbage and almost as solid. The colour is light green and the flavour rich and buttery.			
Chicken Lettuce ... <i>Tall</i> ...	1/3	4/-	15/-
Grows 3 to 4 feet high and covered with leaves that may be pulled like Kale, growth is continued after cutting.			
Curled Neapolitan ... <i>Cabbage</i> ...	1/-	3/-	10/6
A splendid Cabbage Lettuce. It produces a crisp and solid heart and grows to a good size.			
Drumhead or Malta ... <i>Cabbage</i> ...	9d	1/6	5/6
Suitable for warm climates. The head at first resembles a Cos Lettuce but later forms up almost round.			
May King ... <i>Cabbage</i> ...	1/-	3/6	12/6
An early and sure-heading variety of the finest quality.			
Webb's Wonderful ... <i>Cabbage</i> ...	1/-	3/6	12/6
A Cabbage Lettuce of splendid quality. It is large and solid and slow to run to seed.			
White Paris Cos ... <i>Cos</i> ...	9d	2/3	7/6
The head is tall and very thick with a blunt top, colour light green, the most popular variety of this type.			

SPINACH.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Monstrous Viroflay ...	6d	1/-	2/6
A strong-growing variety producing, on good soil, immense tufts of large leaves of excellent quality.			
New Zealand ...	9d	1/6	3/6
Valuable for Summer growing as it stands the hot weather well.			
Prickly or Winter ...	6d	1/-	2/6
A Winter variety. Sow with the first Autumn rains in drills 18 in. apart and thin the plants to 12 in. apart in the row.			
Yellow Cutting Spinach Beet or Swiss Chard ...	6d	9d	2/6
The roots of this Beet are undeveloped, the leaves being used for Spinach. The broad stems also when cooked and served with white sauce are delicious.			

SWEET CORN.*(Zea mays).***Golden Bantam.**

All varieties 4d. and 6d. per pkt.

		Per ¼ lb	lb	5 lbs
Country Gentleman ...	...	6d	1/6	5/-
It is the most popular of all Sugar Corns for the main crop and the home garden. It gives a long ear with deep grain and a thin cob.				
Golden Bantam ...	...	6d	1/-	4/-
Cobs short and compactly filled with large, creamy yellow kernels which become golden yellow as they ripen, delicious flavour.				
Hickory King ...	...	—	6d	2/-
Strong grower, thin cob well covered, delicious corn if taken at the right stage.				

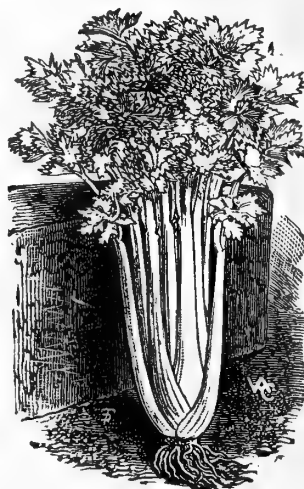
SUNDRY SALADS and GARNISHINGS, ETC.

All varieties 4d. and 6d. per pkt.

		Per oz	¼ lb	lb
Artichoke, Large Green or Paris Globe ...	...	1/9	6/-	21/-
Next to the Woodside Purple, we prefer this variety to any other.				
Artichoke, Purple Globe ...	...	2/6	8/6	30/-
This delicious and wholesome vegetable thrives particularly well in South Africa and should be found in every home garden. The fleshy flower bud is the part used and it is gathered before the scales open freely. The buds are boiled in water with a little salt until the inner parts soften. They are served with white sauce.				



Sage
(Page 62)



Celery, Solid White
(Page 61)



New Zealand Spinach
(Page 59)

VEGETABLES—Miscellaneous

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Miscellaneous—continued.		Per oz	$\frac{1}{4}$ lb	lb
Asparagus, Early Giant Argenteuil ...	An early variety largely grown for the Paris market.	9d	1/6	5/-
Celery, Solid White ...	An old and favourite variety and deservedly popular.	1/-	3/6	12/6
Celery, Woodside Soup ...	This is the true Soup Celery and preferred by many experienced cooks for flavouring soups and stews.	1/-	2/6	8/6
Chervil, Curled ...	The leaves are used for garnishing as well as for flavouring soups, etc. The cultivation is the same as for Parsley.	6d	1/6	5/-
Chervil, Plain ...	The cultivation and uses of this plant are the same as Parsley.	6d	1/6	5/-
Chicory, Magdeburgh ...	A large-rooted variety. The roots may be cooked and eaten like Parsnips or the leaves make an excellent salad when well blanched.	9d	1/6	3/6
Corn Salad, Italian ...	This variety is particularly suited to warm countries as it is somewhat slow to run to seed.	9d	1/6	4/6
Cress, Curled ...	Used with White Mustard for growing "Mustard and Cress."	6d	9d	2/6
Cress, Water ...	A most wholesome herb. It is easily grown in the garden in a sunken trench in which plenty of well rotted manure has been buried and well mixed with the soil. The trench should be shaded until the plants are well up and must never be allowed to become dry while growth continues.	2/6	7/6	25/-
Dandelion ...	Very early and strong grower, furnishes the salad so popular in France.	1/3	3/9	12/6
Egg Plant, Long Purple ...	Long, smooth, dark purple fruit. Flesh firm and compact with few seeds.	1/6	5/-	18/6
Egg Plant, New York Spineless ...	Produces very large, oval, purple fruits of excellent quality. It is an early variety and one of the most popular.	2/-	6/-	22/6
Endive, White Moss Curled ...	Leaves very pale and attractive in appearance.	1/-	3/-	10/6
Horse Radish (Roots: 9d each; 6/- per doz.)	Used as a condiment, or sauce, with roast beef. It is easily grown, needing the minimum of attention once it is established.			
Mushroom Spawn (1/- per cake, 9/- per doz.)		—	—	—
Mustard, White ...	This is the variety used for growing with cress.	6d	9d	1/6
Okra or Gumbo, Long Green ...	The seed should be sown late in the Spring in drills 3 ft. apart where the plants are to remain. Later the plants are thinned to 9 in. or 12 in. apart.	2/6	8/-	30/-

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.

Miscellaneous—continued.

	Per oz	$\frac{1}{4}$ lb	lb
Parsley, Common or Plain ... Preferred by many for flavouring.	6d	1/-	3/-
Parsley, Extra Curled ... A superb strain, well curled and vigorous grower.	6d	1/-	3/6
Parsley, Hamburg ... <i>Turnip-Rooted</i> ... The roots of this variety are not unlike a small parsnip, the foliage being like that of the Common Parsley.	9d	2/-	7/6
Pepper, Large Bell or Bull Nose ... Gives large fruits of mild flavour. The plant is early and of compact habit.	1/-	3/-	10/-
Pepper, Large Sweet Spanish ... The fruits are large and handsome and of very mild flavour. The plant is hardy but rather late in maturing.	1/3	3/9	12/6
Pepper, Long Red ... This well-known variety hardly needs description. It is perhaps more largely grown than all others.	1/-	3/-	10/6
Sage, Broad Leaf ... The well-known herb.	1/-	3/-	10/6
Seakale ... The blanched stalks are eaten boiled like Asparagus. Plants: 3/9 per doz.; 22/6 per 100, posted.	1/6	4/6	15/-
Sorrel, Large Leaved French ... A very popular variety.	6d	1/3	4/-
Thyme ... The well-known garden herb.	3/-	10/6	40/-

KITCHEN GARDEN FRUITS.

All varieties 4d. and 6d. per pkt.

	Per oz	$\frac{1}{4}$ lb	lb
Cape Gooseberry (Plants: 1/3 doz.; 5/3 100, posted) Well known on account of the excellent reputation, abroad as well as in South Africa, of the delicious jam that is made from its fruit. Cape Gooseberry jam is usually priced higher than other varieties, a clear indication of its popularity. It is easily cultivated and thrives all along the coastal belt of the Cape. Sow in early spring and prick out into tins as soon as the plants can be handled. When large enough they are spaced 8 feet apart in the permanent situation.	1/9	6/-	22/6
Rhubarb, Perpetual (Plants 1/- ea., 9/- doz.) ... A strong grower and is in bearing almost throughout the year.	1/9	5/6	20/-
Rhubarb Victoria (Plants 1/- each, 9/- doz.) Rhubarb can be successfully raised from seed on a well-prepared bed in a sheltered situation. The soil should be rich and moist and when the young plants are large enough to handle they should be transplanted into rows 3 feet apart each way. All flower stems that may appear should be promptly removed. The plants will require a heavy dressing of well rotted manure each year and this may be supplemented with "Kudu" Garden Fertilizer. Sow the seed from July onwards.	1/-	3/-	10/6
Rosella ... The fleshy calyx of the flowers is used for making a delicious jelly, the plant is suited to semi-tropical conditions.	2/-	7/6	25/-

IRON KING

FARM AND GARDEN TOOLS

"IRON KING" STEEL FRAME SEEDER.



Thousands of these drills are in use to-day. Get one and let it pay for itself in time and labour-saving.

Price: £3 12s. 6d.

The Iron King Seeder No. 4 is a masterpiece in implement construction. It has fewer parts and is less complicated than any other seeder. At the same time, being made of steel, it is practically indestructible and will last an ordinary lifetime. Large growers employing inexperienced labour choose this seeder because of its unusual simplicity. They know that once the Iron King Seeder is set up for a job, the machine can be turned over to a new hand and the results are going to be completely satisfactory. That's because it is practically impossible to make an error with this implement—it's so easy and simple that a child can handle it.

The adjustable V-shaped shoe, which originated with the Iron King, makes it possible to sow seed in a straight line and at a uniform depth.

KS15

Labour-saving is not the only advantage to be derived from the use of IRON KING Tools, nor is it the principal advantage—in fact, you need not discharge a single labourer when you buy an IRON KING Implement because it will enable you to do the work better and more regularly and you will have bigger and better crops in return for your investment; you will make a big cabbage grow where a small one grew before!

"IRON KING" SINGLE WHEEL CULTIVATOR No. 42.

One of the most popular tools used by American growers. Have you yours?

Price: 35/-

This one is the most popular of all the Iron King Implements. Made strong enough to withstand hardest usage and give years of service. **KS15**

NEW TYPE "IRON KING" SINGLE WHEEL HOE No. 13A.

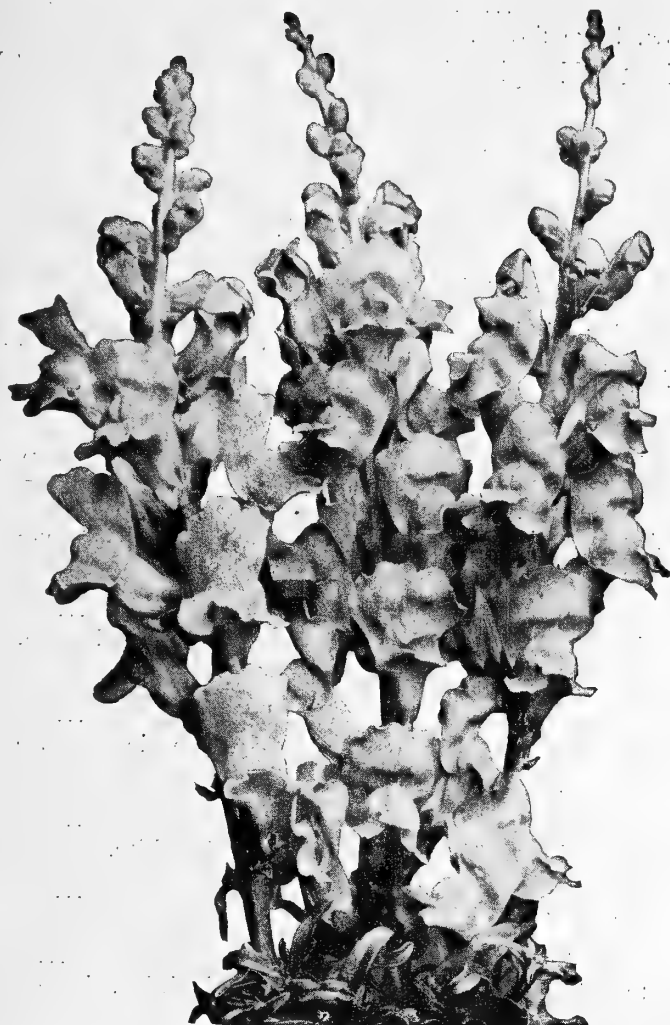
The wise grower never overlooks an opportunity to increase his crop.

Price: 25/-

Every person who owns a garden, no matter how small, should have this tool. A wide range of uses saves its cost in a short time. It is extremely durable, yet light in weight. **KS15**

Flower Seeds.

If cash is sent with the order we pay postage on all Flower Seeds to any address in South Africa.



ANTIRRHINUMS or SNAPDRAGONS.

These magnificent plants provide an almost continuous supply of gorgeous flowers which are highly decorative alike in the garden and as cut blooms for indoor displays. Seed should be sown in early autumn and in spring. Transplant into well-drained sandy loam.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Blood Red ...	<i>Tall</i>	6d	2/3	7/6
Fine deep colour.				
Bonfire ...	<i>Tall</i>	6d	2/6	8/6
Bright cinnabar red, yellow blotch.				
Crimson King ...	<i>Tall</i>	6d	3/-	10/-
Deep velvety crimson, very large.				
Delila ...	<i>Tall</i>	6d	2/3	7/6
Pink, yellow and white.				
Feltham Beauty ...	<i>Tall</i>	6d	4/-	15/-
Deep rose-pink with white centre.				
Firefly ...	<i>Tall</i>	6d	2/-	7/6
Crimson and yellow				
Orange Beauty ...	<i>Tall</i>	6d	4/-	15/-
Orange-scarlet with gold lip.				

Antirrhinums—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Queen Victoria ...	<i>Tall</i>	6d	1/9	6/-
Very large white.				
Yellow King ...	<i>Tall</i>	6d	3/6	12/6
Fine rich yellow, large flower.				
Majus Grandiflora Mixed	<i>Tall</i>	4d, 6d	1/-	3/-
Tall varieties in choicest mixture				
"Monarch" Collection		—	—	—
Six distinct varieties, our selection for 2/6.				

ASTERS.*(Callistephus hortensis).*

For a fine display of flowers in the late summer Asters are unsurpassed; they represent a wide range of colours and type of bloom. Seed should be sown in the early spring or plants may be obtained from our Nursery where we grow annually a fine assortment of the best varieties.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
California Giants ...	<i>Double Mixed</i>	6d	3/6	12/6
Probably the finest strain of Asters in existence to-day, flowers of immense size with long stems, superb colours.				
California Giants ...	<i>Double</i>	6d	3/9	13/6
In separate colours: Deep Rose, Light Blue, Light Purple, Dark Purple and White.				
California Giants ...	<i>Single Mixed</i>	6d	3/6	12/6
A new type developed from the double strain, the flowers are large with long stems, splendid florists' flower.				
California Giants ...	<i>Single</i>	6d	3/9	13/6
In separate colours: Rose, Lilac, Light Blue and White.				
Chrysanthemum-Flowered ...	<i>Dwarf Perfection</i>	6d	4/-	15/-
Fine colours, choicest mixture.				
Chrysanthemum-Flowered ...	<i>Tall Perfection</i>	6d	5/-	18/6
In four separate colours viz.: Dark Violet, Dark Lilac, Rose and Scarlet.				
Crown or Cockade ...	<i>Tall Mixed</i>	6d	4/-	15/-
A fine strain, various colours with white centres.				
Globe Quilled ...	<i>Tall Mixed</i>	4d, 6d	1/-	3/-
A very fine assortment of colours.				
Late Branching ...	<i>Tall White</i>	6d	3/-	10/6
Tall grower, splendid for cut-flower.				
Late Branching ...	<i>Mixed</i>	4d, 6d	1/6	5/-
Tall growing, very fine.				
Ostrich Plume ...	<i>"Mauve Beauty"</i>	6d	4/-	15/-
An elegant shade.				
Ostrich Plume ...	<i>"Salmon Pink"</i>	6d	4/6	16/-
A delightful shade of this fine type.				
Ostrich Plume ...	<i>White</i>	6d	5/-	17/6
Grand for cutting.				
Ostrich Plume ...	<i>Fine Mixed</i>	4d, 6d	2/3	7/6
A grand assortment of colour.				
Paeony-Flowered ...	<i>Choice Mixed</i>	4d, 6d	2/-	6/6
An excellent tall growing strain.				
Single or Marguerite ...	<i>"Elegance"</i>	6d	2/-	6/6
Dark Blue, Deep Rose, Lavender and White, separately or mixed.				

Asters—continued.

	Per pkt.	$\frac{1}{4}$ oz.	oz.
Single or Marguerite ... <i>"General Joffre"</i>	6d	2/-	6/-
Bright crimson-scarlet, very fine.			
Single or Marguerite ... <i>Mixed</i>	4d, 6d	9d	2/6
A choice mixture, beautiful variety of colours.			
Victoria ... <i>"White Superb"</i>	6d	6/9	25/-
A dwarf type, splendid white.			
Victoria Giant ... <i>Mixed</i>	4d, 6d	2/3	7/6
Splendid mixture, superb colours.			

CARNATIONS.

(Dianthus caryophyllus).

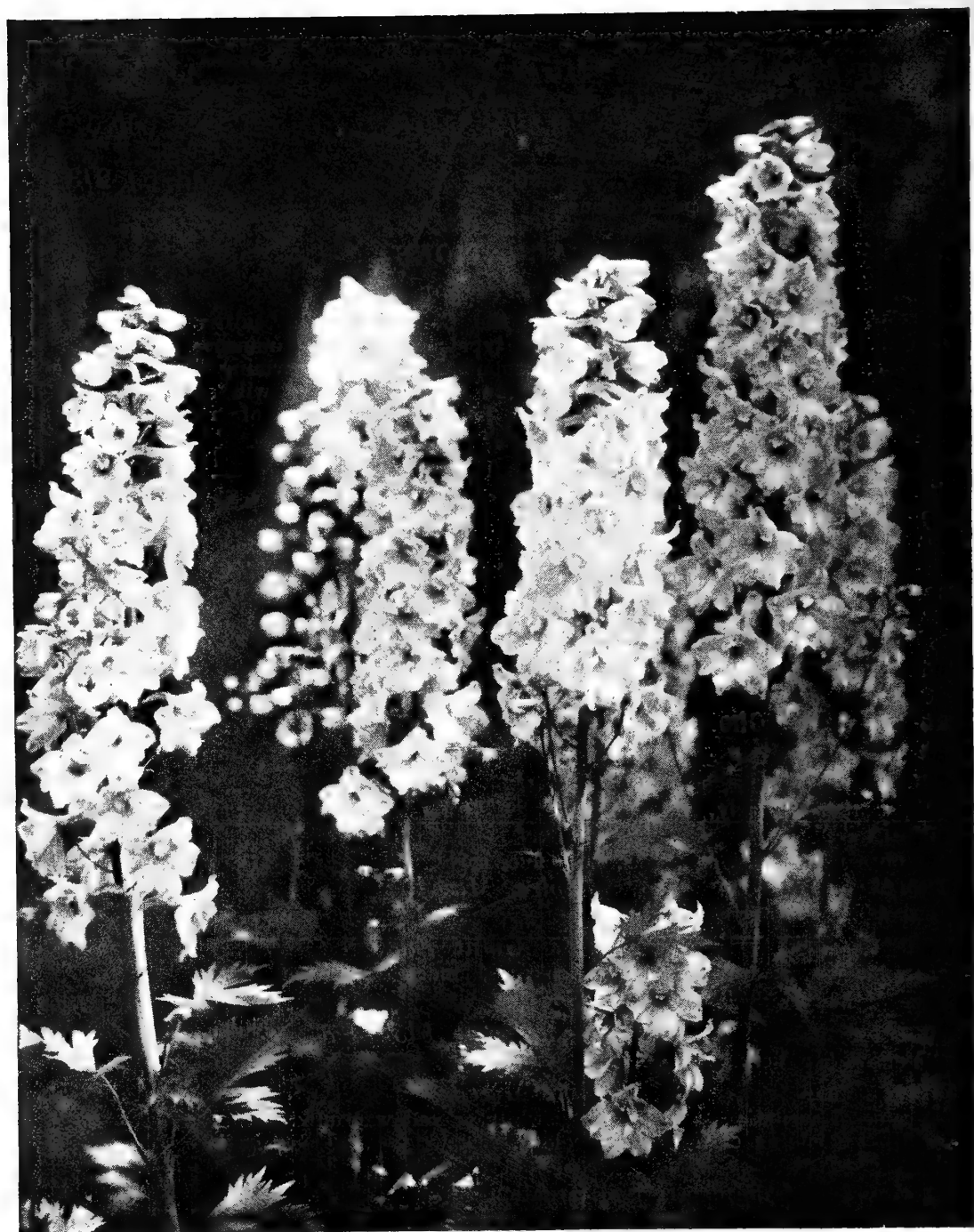
For cut flower nothing surpasses the Carnation. The cultivation of American Tree Carnations and Carnations of other types has assumed immense proportions with no indications of any falling off in the popularity of this charming flower. We give below a list of varieties of which seed can be supplied and will send on application a descriptive list of the best and latest in Tree Carnations of which we grow the choicest named kinds.

	Per pkt.	$\frac{1}{4}$ oz.	oz.
Allwood's New Hardy Perpetual Flowering Border ...	1/6	—	—
Quite a new type of exceptional merit, we have seen some fine new varieties from this seed. Seeds: 1/6 per doz.; 10/6 per 100.			
American Perpetual Tree... ...	1/6	—	—
An excellent strain, sometimes varieties of great merit are raised from it. Seeds: 1/6 per doz.; 7/6 per 100.			
Border Mixed ... <i>Selected</i>	6d	4/-	15/-
Choice seedlings from double flowers.			
Chabaud Extra Choice ... <i>Perpetual</i>	6d	6/9	25/-
A very fine strain of this superb carnation.			
Grenadin Scarlet ... <i>Dwarf</i>	6d	5/-	17/6
Vivid scarlet, early, long stems, splendid for massing.			
Grenadin White ... <i>Dwarf</i>	6d	5/-	17/6
A pure white on long stems, very fine, early.			
Margaret ... <i>Choice Mixed</i>	4d, 6d	2/6	8/6
Extra early-flowering, fine colours.			
Margaret ... <i>New Giant Flowered</i>	6d	6/9	25/-
(Malmaison strain). Choice mixture, much improved for size of flowers.			
Margaret ... <i>New Giant Flowered</i>	6d	8/-	30/-
"Yellow." Very pure colour.			
Picotée ... <i>Fine Mixed</i>	6d	3/-	10/6
A type of carnation having a clear white or yellow ground with a distinct edging of a different colour.			
Riviera Market ...	1/-	65/-	—
A very fine strain of perpetual carnation.			
Starke's Perpetual Giant ...	1/-	—	—
A remarkably fine strain in separate colours, crimson, red, rose, yellow and white. Seeds: 1/- per doz.; 4/- per 100.			

DELPHINIUMS.

These beautiful plants provide numerous shades of blue, a colour which is all too scarce among flowers, and their great popularity is richly deserved. In them the results of careful selection and hybridisation are remarkably apparent. The striking columnar spikes of bloom are freely produced and the foliage is shapely and of pleasing character. We offer seed of the best strains.

Culture.—Delphiniums delight in rich, well manured soil and in dry weather they should be freely watered. Liquid manure may be applied in the growing season.



DELPHINIUMS.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Belladonna	...	...	1/- 8/-	30/-
A very fine type of freely branching habit.				
Blackmore and Langdon's Prize Strain	...	...	1/- 11/6	40/-
Considered one of the finest strains in existence at the present time.				
Blue Butterfly	... Dwarf	...	6d 2/6	8/6
A charming dwarf variety of deep blue colour, usually treated as an annual.				
Elatum	... Dwarf	...	4d, 6d 1/9	6/-
The Bee Larkspur. Choice mixed shades.				

Delphiniums—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Excelsior Hybrids	... <i>Mixed</i>	6d	2/6	9/-
A remarkably fine strain, gives some very beautiful shades of colour				
Formosum	... <i>Mixed</i>	6d	5/6	20/-
Brilliant blue with black petals, various shades.				
Nudicaule	... <i>Dwarf Scarlet</i>	6d	6/9	25/-
This resembles "Blue Butterfly" in type.				
Rosebank Giant Hybrids	...	1/-	—	—
Acclimatised seed from a magnificent strain, best for early autumn sowing as the seed is then still quite fresh.				

PANSIES.*(Viola tricolor).*

A favourite bedding plant in every garden. Some remarkably fine strains are included in the list below.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Large-Flowering	... <i>Mixed</i>	4d, 6d	3/-	10/6
Splendid quality and fine assortment of colour.				
Mammoth Exhibition	... <i>Mixed</i>	6d	6/-	22/6
A very excellent strain.				
Masterpiece	... <i>Mixed</i>	6d	6/-	20/-
Beautifully blotched and curled.				
Parisian Large Stained	... <i>Mixed</i>	6d	3/6	12/6
A very fine strain of "Trimardeau," very large flowers.				
Trimardeau Giant	... <i>Mixed</i>	6d	3/6	12/6
A choice strain, flowers of great size and beauty.				
Variegated Striped	... <i>Mixed</i>	6d	4/-	15/-
This strain includes some very fine colours.				

STOCKS.*(Matthiola).*

Culture.—Stocks delight in a rich sandy loam and will not tolerate ill-drained soil. Sow early to provide strong plants for setting out in the early autumn.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Abundance	... <i>Tall Ten-Week</i>	6d	3/6	12/6
Carmine-rose, very large.				
All-the-Year-Round	... <i>Pure White</i>	1/-	27/6	—
Wallflower-leaved, one of the finest white stocks for cutting, free and continuous bloomer, dwarf and vigorous grower.				
Almond Blossom	... <i>Tall Ten-Week</i>	6d	3/6	12/6
White, shaded carmine.				
Beauty of Nice	... <i>Tall Ten-Week</i>	6d	3/6	12/6
Flesh-pink, early-flowering				
Brompton Mixed	... <i>Biennial</i>	6d	6/9	25/-
An early spring-flowering type of vigorous habit, very fine				
Brompton White	... <i>Biennial</i>	6d	8/-	30/-
We suggest trying the Brompton type for August-September sowing, they should then flower about March when they would be very useful.				
Cote D'Azur	... <i>Tall Ten-Week</i>	6d	3/6	12/6
Blue of Capri.				
East Lothian Mixed	... <i>Intermediate</i>	1/-	25/-	—
A choice strain of this useful type giving an excellent range of colour.				

Stocks—continued

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Empress Elizabeth	... Tall Ten-Week	...	6d 3/6	12/6
Beautiful bright rose.				
German Double Mixed	... Ten-Week	...	4d, 6d 3/6	12/6
A choice strain which gives a very high percentage of double flowers.				
L'Etincelante	... Tall Ten-Week	...	6d 3/6	12/6
Dazzling scarlet, a superb variety.				
Mont Blanc	... Tall Ten-Week	...	6d 3/6	12/6
Improved white.				
Queen Alexandra	... Tall Ten-Week	...	6d 3/6	12/6
Pretty rosy lilac.				
Rose of Nice	... Tall Ten-Week	...	6d 3/6	12/6
Mauve, very early.				
Souv. of Cannes	... Tall Ten-Week	...	6d 3/6	12/6
Chocolate colour.				
Souvenir of Monaco	... Tall Ten-Week	...	6d 3/6	12/6
Brilliant crimson, very early.				
Violet of Nice	... Tall Ten-Week	...	6d 3/6	12/6
A fine rich colour, dark violet.				
Violet of Parma	... Tall Ten-Week	...	6d 3/6	12/6
Strong grower and very free-flowering, light violet.				
White Christmas	... Giant Ten-Week	...	6d 8/-	30/-
Very free-flowering, long spikes, branching habit, splendid for cutting.				
White Lady	... Tall Ten-Week	...	6d 3/6	12/6
A superb white, good grower.				
"Nice" Stocks Mixed	... Tall Ten-Week	...	4d, 6d 3/6	12/6
A very fine mixture including the best colours of this popular type.				
"Monarch" Collection	... Ten-Week	...	—	—
Six separate colours, our choice, for 2/6.				

SWEET PEAS

(Lathyrus odoratus).

Probably the most popular of all for cut flower and certainly never so popular as they are to-day. With the introduction of the new Early-Flowering or "Winter" Sweet Peas it is possible to have these in bloom for many months. The Early-Flowering varieties have been much improved in recent years and now compare favourably with the best of the show varieties. We print here a most complete list of both types providing every conceivable shade of colour:—

		Per pkt.	$\frac{1}{4}$ oz.	oz.
SUMMER-FLOWERING VARIETIES.				
America Spencer	... Summer-Flowering	...	6d 9d	2/-
Bright scarlet, flaked.				
Barbara	... Summer-Flowering	...	6d 9d	2/6
Salmon pink; one of the best for exhibition.				
Black Bess	... Summer-Flowering	...	6d 9d	2/-
Violet black.				
Buntz	... Summer-Flowering	...	6d 9d	2/6
Orange-pink.				
Campfire	... Summer-Flowering	...	6d 9d	2/6
A vivid scarlet cerise, stands the sun well.				
Charming	... Summer-Flowering	...	6d 9d	2/6
Fine rosy cerise.				
Colorado	... Summer-Flowering	...	6d 1/-	3/-
Dazzling orange-scarlet, flowers extra large and beautifully formed.				

Sweet Peas—continued.

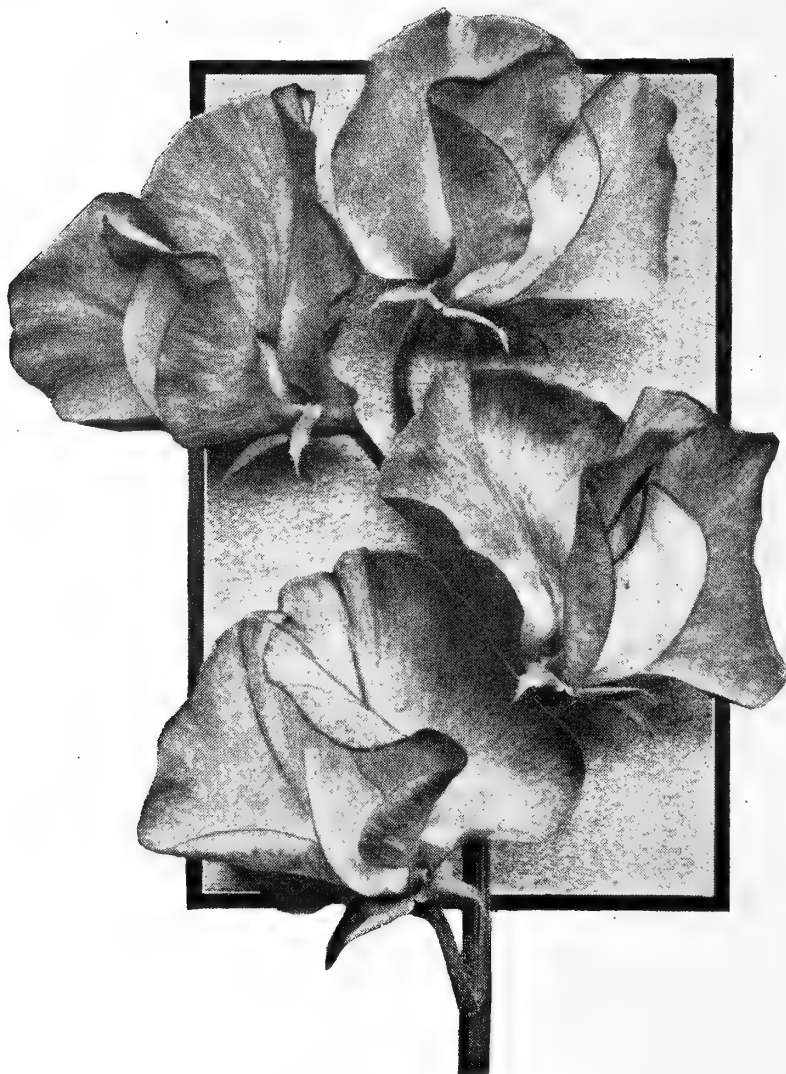
		Per pkt.	$\frac{1}{4}$ oz.	oz.
Crimson King	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Rich deep crimson self.				
Doreen	... <i>Summer-Flowering</i>	...	6d 1/-	3/-
Bright carmine, very large flower.				
Fiery Cross	... <i>Summer-Flowering</i>	...	6d 9d	2/6
A glowing orange-cerise and sun-proof.				
George Shawyer	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Brilliant orange-salmon.				
Gladys	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Pure lilac self.				
Grenadier	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Geranium red, exceptionally large and yet refined, the strongest sunshine does not bleach.				
Guinea Gold	... <i>Summer-Flowering</i>	...	6d 1/3	4/6
Deep golden orange.				
Hawlmarm Maroon	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Rich red maroon.				
Hawlmarm Salmon Pink	... <i>Summer-Flowering</i>	...	6d 1/-	3/-
Bright rose-pink with rich salmon shading.				
Hebe	... <i>Summer-Flowering</i>	...	6d 1/3	4/-
Rose pink.				
Ivory Picture	... <i>Summer-Flowering</i>	...	6d 1/3	4/-
Rich cream or old ivory.				
King White	... <i>Summer-Flowering</i>	...	6d 9d	2/-
A pure white of fine form giving large flowers and an abundance of fours.				
Lady Gay	... <i>Summer-Flowering</i>	...	6d 1/-	3/-
Pure white with picotee edge, wings flushed and veined rose.				
Mammoth	... <i>Summer-Flowering</i>	...	6d 1/3	4/6
Orange scarlet, blended with a soft scarlet and gold at the outer edge of the standard.				
Mary Pickford	... <i>Summer-Flowering</i>	...	6d 1/3	4/6
Dainty cream pink, suffused salmon, very large.				
Miss California	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Warm salmon-pink, extra large flowers.				
Model	... <i>Summer-Flowering</i>	...	6d 1/-	3/-
Large white flowers, well frilled.				
Powerscourt	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Very large-flowered lavender				
President Harding	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Brilliant cerise, suffused and overlaid orange.				
Ravenswing	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Black maroon.				
Rosy Morn	... <i>Summer-Flowering</i>	...	6d 1/-	3/-
Bright soft rose self, very long stems.				
Royal Mauve	... <i>Summer-Flowering</i>	...	6d 1/6	5/-
Rich bright mauve.				
Royal Purple	... <i>Summer-Flowering</i>	...	6d 9d	2/-
Fine royal purple, very distinct and of great size, gives plenty of fours; an exhibition variety of first quality.				
What Joy	... <i>Summer-Flowering</i>	...	6d 9d	2/6
Rich cream, fine flower.				

Sweet Peas—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Wizard	... <i>Summer-Flowering</i>	6d	1/-	3/-
Rich flaming salmon-scarlet, very attractive, long stems, flowers of great size in fours.				
Youth	... <i>Summer-Flowering</i>	6d	9d	2/6
Pink, picotee-edged, very large flower.				
"Monarch" Collection	... <i>Summer-Flowering</i>	—	—	—
Six distinct varieties, our selection, for 2/6.				
"Superb" Collection	... <i>Summer-Flowering</i>	—	—	—
Twelve distinct varieties, our selection, for 5/-.				
Rainbow Mixture.	... <i>Summer-Flowering</i>	4d	6d	1/6
A choice assortment including the latest waved-standard varieties.				

WINTER-FLOWERING VARIETIES.

Aglaia Motte	... <i>Winter-Flowering</i>	6d	1/-	3/-
Deep cream, large and waved.				
Albury Carmine	... <i>Winter-Flowering</i>	6d	1/-	3/-
Deep rich colour, large size.				
Albury Lavender	... <i>Winter-Flowering</i>	6d	1/-	3/-
Large and well waved.				
All White	... <i>Winter-Flowering</i>	6d	1/-	3/-
Gigantic white blooms in fours on long stems, one of the finest of white varieties.				

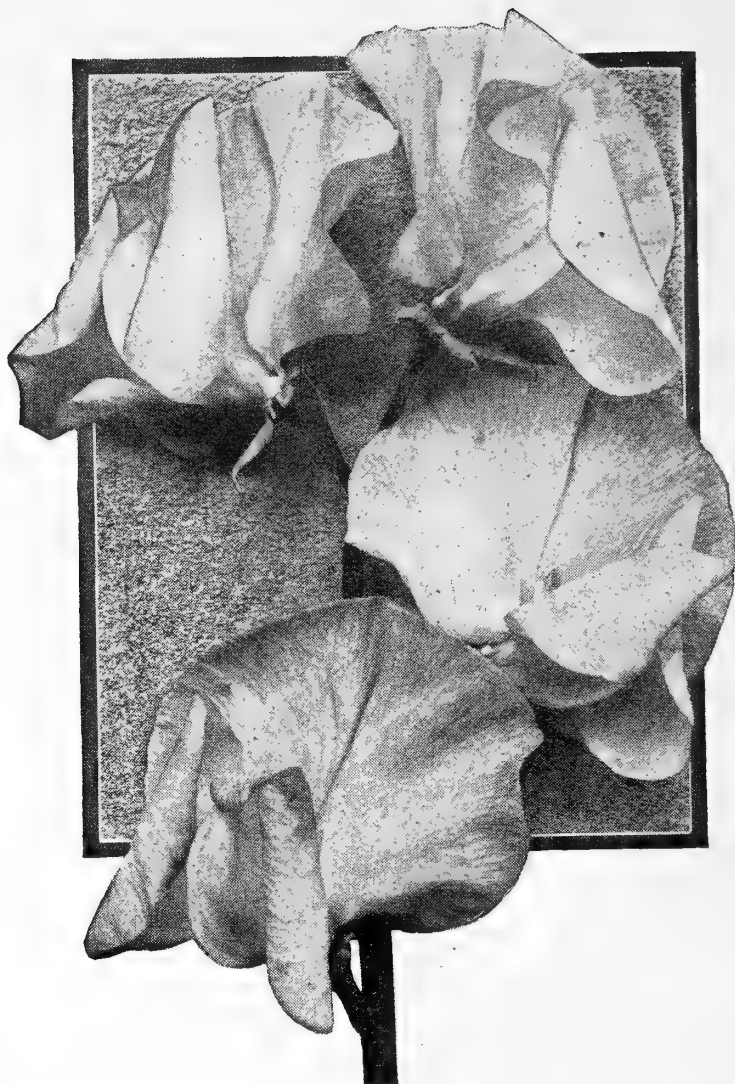
**CHARM.**

Glowing rich rose-pink blooms. It is described on the opposite page.

Sweet Peas—continued

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Aviator	... <i>Winter-Flowering</i>	6d	1/-	3/-
Dazzling crimson-scarlet.				
Biplane	... <i>Winter-Flowering</i>	6d	1/6	5/-
Chocolate-flaked on white ground.				
Blanche	... <i>Winter-Flowering</i>	6d	1/-	3/-
Lavender.				
Blue Bird	... <i>Winter-Flowering</i>	6d	1/-	3/-
A charming shade of blue, exquisitely waved.				
Burpee's Orange	... <i>Winter-Flowering</i>	6d	1/6	4/6
Clear orange.				
Canary Bird	... <i>Winter-Flowering</i>	6d	1/-	3/-
Rich cream.				
Charm	... <i>Winter-Flowering</i>	1/3	3/6	12/6
Glowing rich rose pink, large well-formed blooms, vigorous grower.				
Concord Emperor	... <i>Winter-Flowering</i>	6d	1/-	3/-
Rich crimson-red, glowing colour, good size and form.				
Concord Fascination	... <i>Winter-Flowering</i>	6d	1/6	5/-
Cream flushed light heliotrope.				
Concord Radiance	... <i>Winter-Flowering</i>	6d	1/6	5/-
Rosy cerise.				
Cynthia	... <i>Winter-Flowering</i>	6d	1/-	3/-
Cream ground, picotee edge.				
Daisy Motte	... <i>Winter-Flowering</i>	6d	1/-	3/-
Very large and waved white.				
Dorothy	... <i>Winter-Flowering</i>	6d	1/-	3/-
Primrose or cream.				
Duchess	... <i>Winter-Flowering</i>	6d	1/6	5/-
Deep cerise.				
Eldorado	... <i>Winter-Flowering</i>	6d	1/6	5/-
Orange.				
Esther	... <i>Winter-Flowering</i>	6d	1/-	3/-
Maroon.				
Flamingo	... <i>Winter-Flowering</i>	6d	1/-	3/-
Orange-salmon.				
Gleam	... <i>Winter-Flowering</i>	1/3	3/6	12/6
Bright geranium pink, large flower, well waved, good stems, a refined bloom.				
Glitters	... <i>Winter-Flowering</i>	6d	1/-	3/-
Bright orange-scarlet.				
Glorious	... <i>Winter-Flowering</i>	6d	1/6	5/-
Salmon orange.				
Grey Flake	... <i>Winter-Flowering</i>	6d	1/-	3/-
Chocolate on grey ground.				
Haidie Motte	... <i>Winter-Flowering</i>	6d	1/-	3/-
Large pink bi-colour.				
Heather Bell	... <i>Winter-Flowering</i>	6d	1/6	5/-
Bright lavender.				
Laura	... <i>Winter-Flowering</i>	6d	1/-	3/-
Purple wings, maroon standard.				
Leonore	... <i>Winter-Flowering</i>	6d	1/-	3/-
Rich claret.				
Liberty	... <i>Winter-Flowering</i>	6d	1/6	5/-
Deep sunproof crimson.				

Sweet Peas—continued.



NEW!

GLEAM.

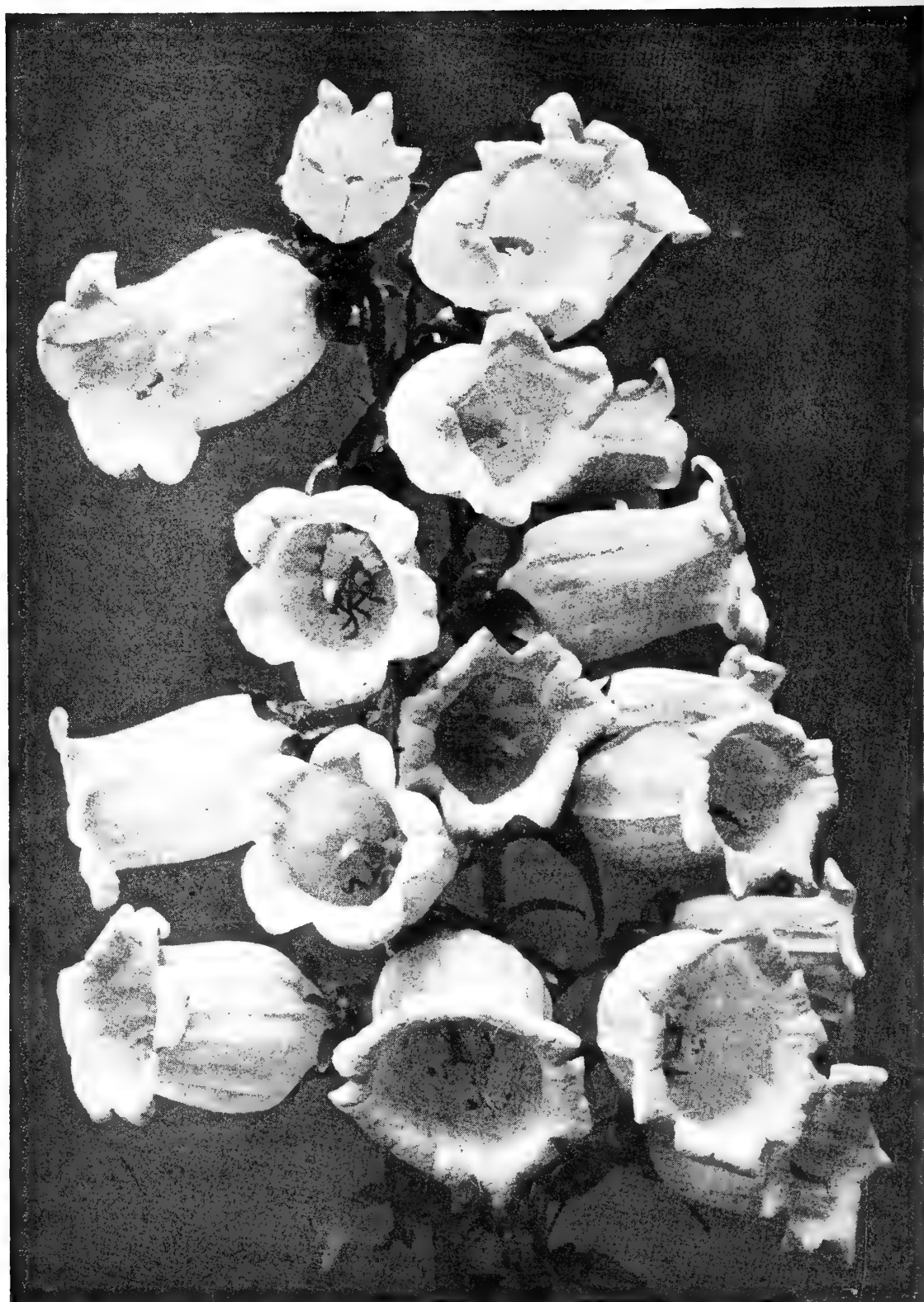
(See page 73)

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Madonna	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
A black-seeded white, remarkably opaque, large flowers.				
Marie Cheslyn	... <i>Winter-Flowering</i>	...	6d 1/6	5/-
Bright cream-pink.				
Miss Louise Gude	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
The colour of this lovely variety is shell-pink throughout.				
Moonstone	... <i>Winter-Flowering</i>	...	6d 1/6	5/-
Pale blue.				
Mrs. Kerr	... <i>Winter-Flowering</i>	...	6d 1/6	5/-
Large well waved salmon coloured blooms on long stems.				
Mrs. May Hassett	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Deep cream-pink, well waved.				
Pianola	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Apricot, lightly marked carmine rose.				
Princess	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Soft Lavender.				
Quaker Lady	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Light lobelia-violet.				

Sweet Peas—continued		Per pkt.	¼ oz.	oz.
Red Prince	... <i>Winter-Flowering</i>	...	6d 1/6	5/-
Carmine scarlet.				
Scarlet Emperor	... <i>Winter-Flowering</i>	...	6d 1/6	5/-
Fine scarlet.				
Snowflake	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Pure white.				
Somerlayton	... <i>Winter-Flowering</i>	...	6d 1/6	5/-
Crimson, non-burner, large.				
Songster	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Fine lavender, colour of Masterpiece.				
Sybilene	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Deep rose-pink.				
Sylvia	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
Pale mauve.				
Thalia Motte	... <i>Winter-Flowering</i>	...	6d 1/6	5/-
One of the best crimsons.				
True Blue	... <i>Winter-Flowering</i>	...	6d 1/-	3/-
A pretty shade of blue very much in demand. Large bloom.				
"Monarch" Collection	... <i>Winter-Flowering</i>	...	—	—
Six distinct varieties, our selection, for 2/6.				
"Superb" Collection	... <i>Winter-Flowering</i>	...	—	—
Twelve distinct varieties, our selection, for 5/-.				
Winter Super Mixture	...	...	4d, 6d	9d 2/6
This is not a nondescript mixture but a superior collection of named varieties grown together to reduce the cost of production and is sold with confidence as being an assortment of choicest varieties that will please the most discriminating grower.				

ZINNIAS.

		Per pkt.	¼ oz.	oz.
California Giants	... <i>Orange Queen</i>	...	6d 2/6	8/6
Golden yellow.				
California Giants	... <i>Scarlet Gem</i>	...	6d 2/6	8/6
Glowing scarlet.				
California Giants	... <i>Mixed</i>	...	4d, 6d 2/-	7/6
These have looser petals than the older types and a very pleasing appearance, very large, fine colours.				
Dahlia Flowered	... <i>Crimson Monarch</i>	...	6d 3/9	13/6
Largest and best of the red shades.				
Dahlia Flowered	... <i>Golden State</i>	...	6d 3/9	13/6
A very rich orange-yellow.				
Dahlia Flowered	... <i>Scarlet Flame</i>	...	6d 3/9	13/6
Beautiful bright scarlet with a delightful blending of orange throughout the petal, very large.				
Dahlia Flowered	... <i>Mixed</i>	...	4d, 6d 2/6	8/6
Equally good as a garden flower and as a florist's speciality, large size, fine colours, keeps well when cut.				
Zinnia Robusta	... <i>"Golden"</i>	...	6d 2/-	7/6
Charming shades, most conspicuous when massed.				
Zinnia Robusta	... <i>"Scarlet"</i>	...	6d 2/-	7/6
Splendid for massing, bright shade, large bloom.				
Zinnia Plenissima Robusta	... <i>Double Mixed</i>	...	4d, 6d 1/6	5/-
A fine strain, bright colours, immense blooms.				



SINGLE CANTERBURY BELLS

(See page 78)

General List of Flower Seeds

If Cash is sent with the Order we pay postage on all Flower Seeds to any address in South Africa.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Acroclinium	... <i>Splendid Mixed</i>	4d, 6d	9d	2/6
The flowers may be cut and dried as "Immortelles." Sow in early autumn or spring.				
Althaea Rosea	... <i>See Hollyhock</i>	—	—	—
Alyssum Maritimum	... <i>White Sweet Alyssum</i>	4d, 6d	9d	2/-
Dwarf, compact, sweet scented and free flowering annual of which successive sowings may be made during spring and early summer.				
Alyssum	... <i>Lilac Queen</i>	4d, 6d	2/-	6/6
Pretty lilac flowers.				
Anchusa Italica	... <i>Anchusa</i>	4d, 6d	1/3	4/-
Hardy perennial, intense blue flowers, excellent for cutting.				
Anemone Coronaria	... <i>Double Chrysanthemum-Flowered</i>	6d	2/3	7/6
Large flowers and very showy.				
Anemone Coronaria	... <i>St. Brigid</i>	6d	8/-	30/-
Mostly semi-double and very free-flowering, splendid mixture.				
Anemone Coronaria	... <i>Single French</i>	4d, 6d	1/6	4/-
Giant flowered single. Our strain includes a fine range of colour and form.				
Antirrhinum Majus	... <i>Tall Snapdragons (Mixed)</i>	4d, 6d	1/-	3/-
Highly decorative, producing an almost continuous supply of flowers in innumerable colours. For named sorts see special list.				
Aquilegia Hybrida	... <i>Mrs. Scott Elliott's Strain</i>	1/-	8/-	30/-
A strain of long-spurred hybrids comprising the most beautiful colours.				
Aquilegia Hybrida	... <i>Choice Mixed Columbines</i>	4d, 6d	1/6	5/-
Excellent as cut flower for decorative effect, especially under artificial light.				
Arctotis	... <i>Mixed</i>	4d, 6d	1/6	5/-
Splendid South African Daisies in numerous beautiful colours.				
Armeria Rosea	... <i>Statice</i>	6d	4/-	15/-
A charming pink variety.				
Asparagus Plumosus Nanus	...	6d	2/3	7/6
A charming pot plant, also useful for hanging baskets. The fern-like leaves are much used by florists.				
Asparagus Sprengeri	...	6d	2/3	7/6
A fern-like plant, useful for steep culture and hanging baskets.				
Asters (Callistephus)	... <i>Choice Mixed</i>	4d, 6d	2/3	7/6
Delightful summer growing plants having a wide range of colour and type of bloom. See special list.				
Aubrietia Graeca	...	6d	5/6	20/-
Purple perennial, excellent for spring bedding or the rockery, very dwarf habit.				
Balsam	... <i>Camellia-Flowered, Mixed</i>	4d, 6d	1/6	5/-
Rapid grower, hardy annual; flowers of exquisite form and colour are borne in the axils of the leaves.				
Baptisia Australis	...	6d	4/-	15/-
A beautiful plant for the herbaceous border, allied to Podalyria, closely resembling Lupinus, colour soft blue.				
Berberton Daisy	... <i>See Gerbera</i>	—	—	—
Begonia, Tuberous	... <i>Double Mixed</i>	1/6	—	—
Magnificent colours, saved from a Prize Double Strain. Growers must not expect all doubles as there are always many singles among the very best seedlings.				

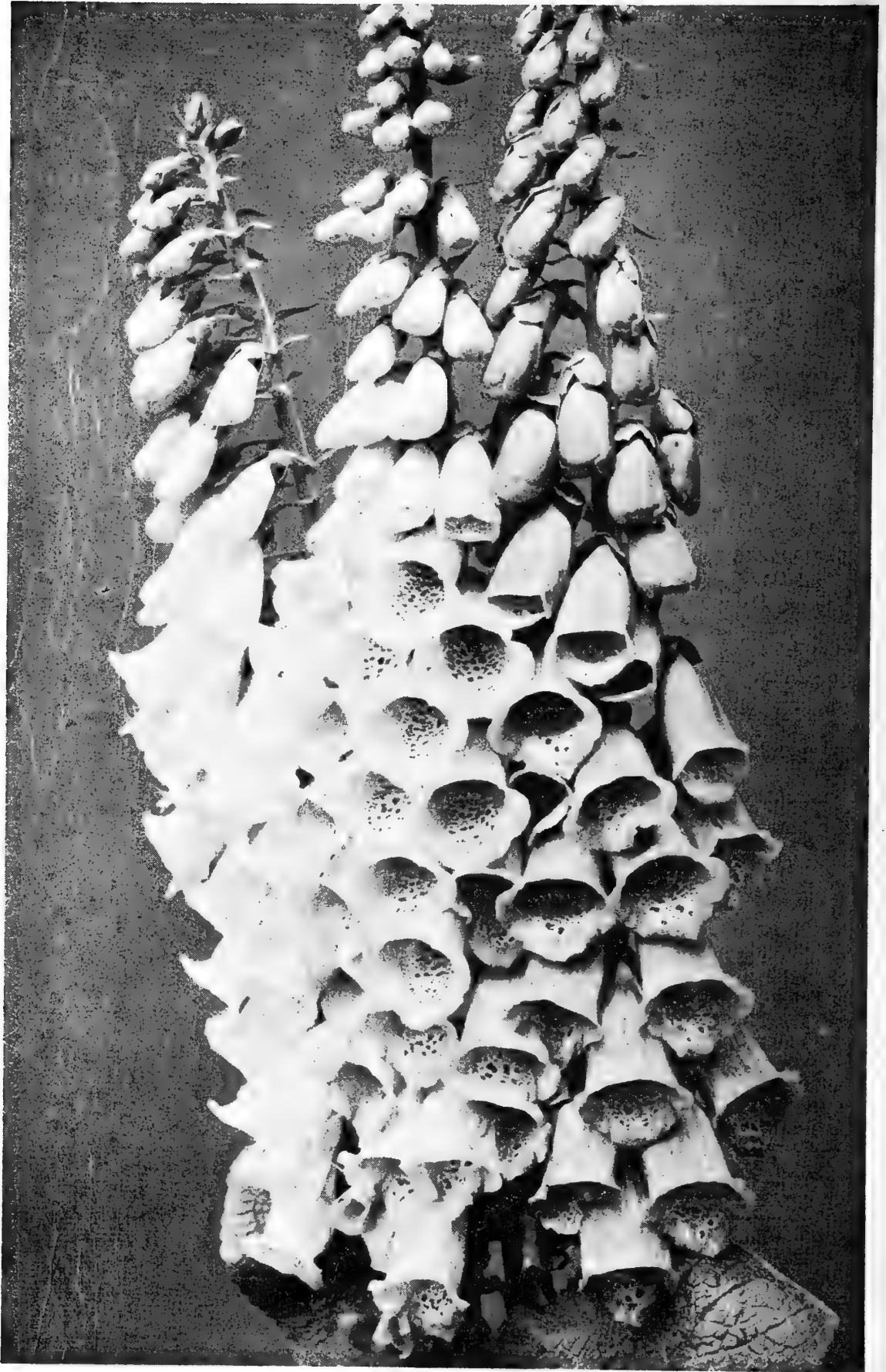
General List—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Bellis Perennis	... <i>Double Daisy Mixed</i>	6d	3/-	10/6
These beautiful English Daisies are admirable for bed-edging. Free flowering, dwarf habit.				
Calceolaria	... <i>Mixed Hybrids</i>	1/-	—	—
Herbaceous greenhouse plants of great beauty.				
Calendula Officinalis	... <i>Marigold</i>	4d	9d	2/6
Bright golden yellow and orange flowers freely produced, sow in early autumn, flowering continues for a lengthy period.				
Calliopsis	... See <i>Coreopsis</i>	—	—	—
Callistephus	... See <i>Asters</i>	—	—	—
Campanula Calycanthema	... <i>Cup and Saucer</i>			
	<i>Canterbury Bells</i>	6d	3/6	12/6
The calyx is very large and as showy as many types of Clematis. The plants are of good pyramidal habit.				
Campanula Double Mixed	... <i>Canterbury Bells</i>	4d, 6d	2/-	6/6
A fine double and semi-double flowering strain of these beautiful plants.				
Campanula Single Mixed	... <i>Canterbury Bells</i>	4d, 6d	9d	2/-
These beautiful biennials produce a wealth of bloom during the spring and early summer from seed sown the previous season.				
Candytuft	... <i>Dark Purple</i>	6d	9d	2/-
A delightful shade of these really beautiful annuals.				
Candytuft	... <i>Dwarf Large-flrd. Hybrids</i>	6d	2/-	6/6
In separate colours, crimson, lilac and rose, or mixed.				
Candytuft	... <i>Giant Hyacinth-Flowered</i>	6d	1/-	3/6
A selected strain producing immense spikes of pure white bloom.				
Candytuft	... <i>Sweet Scented</i>	4d	6d	1/-
White, very popular strain.				
Candytuft	... <i>White Rocket</i>	6d	9d	2/6
A large-flowering kind, long trusses of white bloom.				
Candytuft	... <i>Mixed</i>	4d, 6d	9d	2/-
A fine selection of colour.				
Cannas	... <i>Very Choice Mixed</i>	—	—	—
Saved from magnificent named varieties. Seeds: 6d per 25; 1/6 per 100.				
Carnation	... See <i>special list</i>	—	—	—
Celosia Cristata	... <i>True Cockscomb</i>	6d	5/-	17/6
A useful ornamental annual for planting in beds or clumps.				
Celosia Thompsoni	... <i>Thompson's Feathered</i>			
	<i>Magnifica</i>	4d, 6d	1/6	5/-
An improved strain of feathered cockscomb, splendid range of colours.				
Centaurea Cyanus Minor	... See <i>Cornflower</i>	—	—	—
Centaurea Imperialis	... See <i>Sweet Sultan</i>	—	—	—
Ceratotheca Triloba	...	4d, 6d	1/-	3/-
Tall biennial, rosy mauve, resembles Foxglove, summer-flowering.				
Cheiranthus	... See <i>Wallflower</i>	—	—	—
Chrysanthemum Carinatum	... <i>"Tricolor"</i>	4d, 6d	9d	2/-
White and yellow.				
Chrysanthemum Inodorum	... <i>"Snowball"</i>	6d	5/6	20/-
Fine double white, splendid for cut-flower.				
Chrysanthemum Leucan-	... <i>Ox-eye Daisy</i>	4d, 6d	1/-	3/-
themum				
Very fine large white daisy with long stems.				
Chrysanthemum Leucan-				
themum Hybridum	... <i>Spring Marguerite</i>	4d, 6d	1/-	3/-
Large flowers, long stems, early and fine for cutting.				

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.

General List—continued.

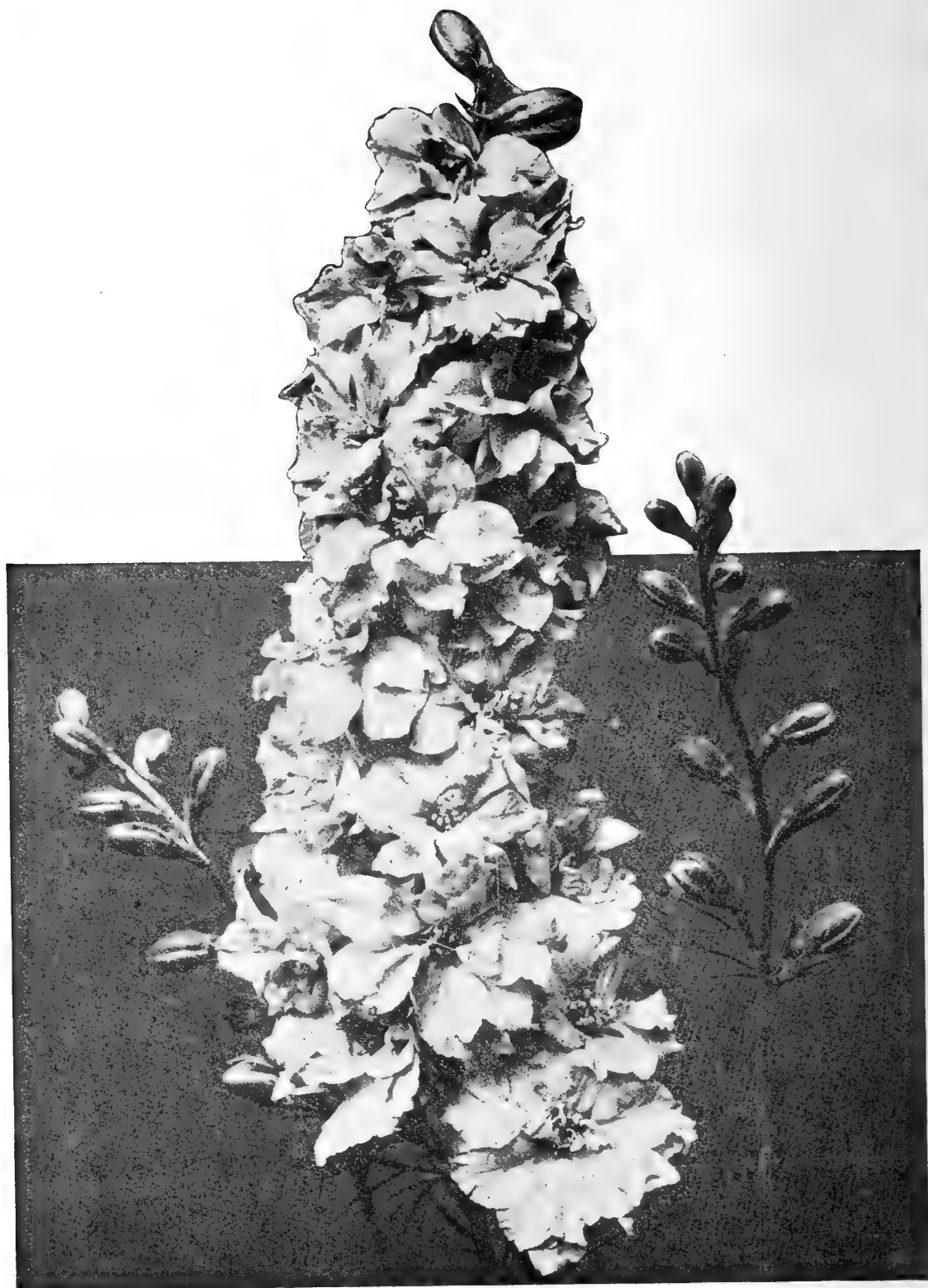
		Per pkt.	$\frac{1}{4}$ oz.	oz.
Chrysanthemum Maximum	See <i>Shasta Daisy</i>	—	—	—
Cineraria	... <i>Dwarf Large-flowered</i>	1/-	40/-	—
Extra fine mixed. Very showy annuals for pot culture for indoor decoration.				
Cineraria	... <i>Prize Exhibition</i>	1/-	40/-	—
A remarkably fine strain, brilliant colours.				
Cineraria	... <i>"Stellata"</i>	1/-	30/-	—
Star-shaped flowers, a very beautiful type in mixed colours.				
Clarkia Elegans	... <i>Mixed</i>	4d, 6d	1/-	3/-
A beautiful mixture of the finest shades.				
Clarkia Elegans Rosea	... <i>Pink Clarkia</i>	4d, 6d	1/-	3/-
Tall-growing hardy annuals for the middle lines of borders.				
Clematis	... <i>Jackman's Hybrids</i>	1/-	8/-	30/-
A very choice strain of these beautiful climbers.				
Clematis Vitalba	... <i>"Traveller's Joy"</i>	4d, 6d	9d	1/6
A charming white-flowered climber.				
Cobaea Scandens	... <i>Purple</i>	4d, 6d	1/6	5/-
A fine climber, half-hardy, evergreen, rapid grower.				
Coleus	... <i>Splendid Mixed</i>	6d	—	—
Charming pot plants, grown for their superb foliage.				
Convolvulus Major	... <i>Tall</i>	4d	6d	9d
In choicest mixture.				
Coreopsis Grandiflora	... <i>Perennial Coreopsis</i>	4d, 6d	9d	2/-
Very large, bright yellow flowers.				
Coreopsis Tinctoria	... <i>Bicolor</i>	4d	6d	1/6
Yellow and black, very showy, splendid for cut flower, makes bright display of colour in the garden.				
Cornflower	... <i>Emperor William</i>	4d	6d	1/6
Deep blue flowers excellent for cut bloom.				
Cornflower	... <i>Mixed</i>	4d	6d	1/6
Hardy annual plants, rapid growing and free flowering.				
Cosmos	... <i>"Crimson Queen"</i>	6d	3/9	13/6
A new type, gives a large percentage of double flowers.				
Cosmos	... <i>"Mammoth Mixed"</i>	4d	6d	1/6
A large-flowering strain with a fine range of colour.				
Cosmos	... <i>"Pink Beauty"</i>	6d	3/9	13/6
Gives a good percentage of double flowers.				
Cosmos	... <i>"White Queen"</i>	6d	3/9	13/6
A fine double-flowering variety, gives very few singles.				
Cyclamen Persicum	... <i>Extra Choice</i>	1/-	20/-	60/-
Beautiful bulbous plants for pot culture and easily raised from seed, lovely flowers of vivid colouring. Seeds: 1/- for 25.				
Dahlia, Choice Mixed	... <i>Double</i>	6d	3/9	13/6
Some very fine varieties are frequently raised from this seed, although the surest way is to buy tubers of named sorts.				
Dahlia, Collarette	... <i>Single</i>	6d	2/6	8/6
A very pretty type for borders and it is easily raised from seed, excellent for cutting.				
Dahlia, "Stella"	... <i>Single</i>	6d	3/9	13/6
A new type with recurved petals, varied colours, long stiff stems, splendid cut-flower, excellent for bedding.				
Delphiniums	... See special list	—	—	—
See also <i>Larkspurs</i>				
Dianthus Allwoodii		1/6	—	—
A new hybrid between the <i>Carnation</i> and <i>Pink</i> , extremely floriferous, varied colours. Seeds 1/6 per doz.; 10/6 per 100.				
Dianthus Barbatus	... See <i>Sweet William</i>	—	—	—
Dianthus Caryophyllus	... <i>Carnation</i>	—	—	—
See special list.				



FOXGLOVES
(See page 81)

General List—continued.

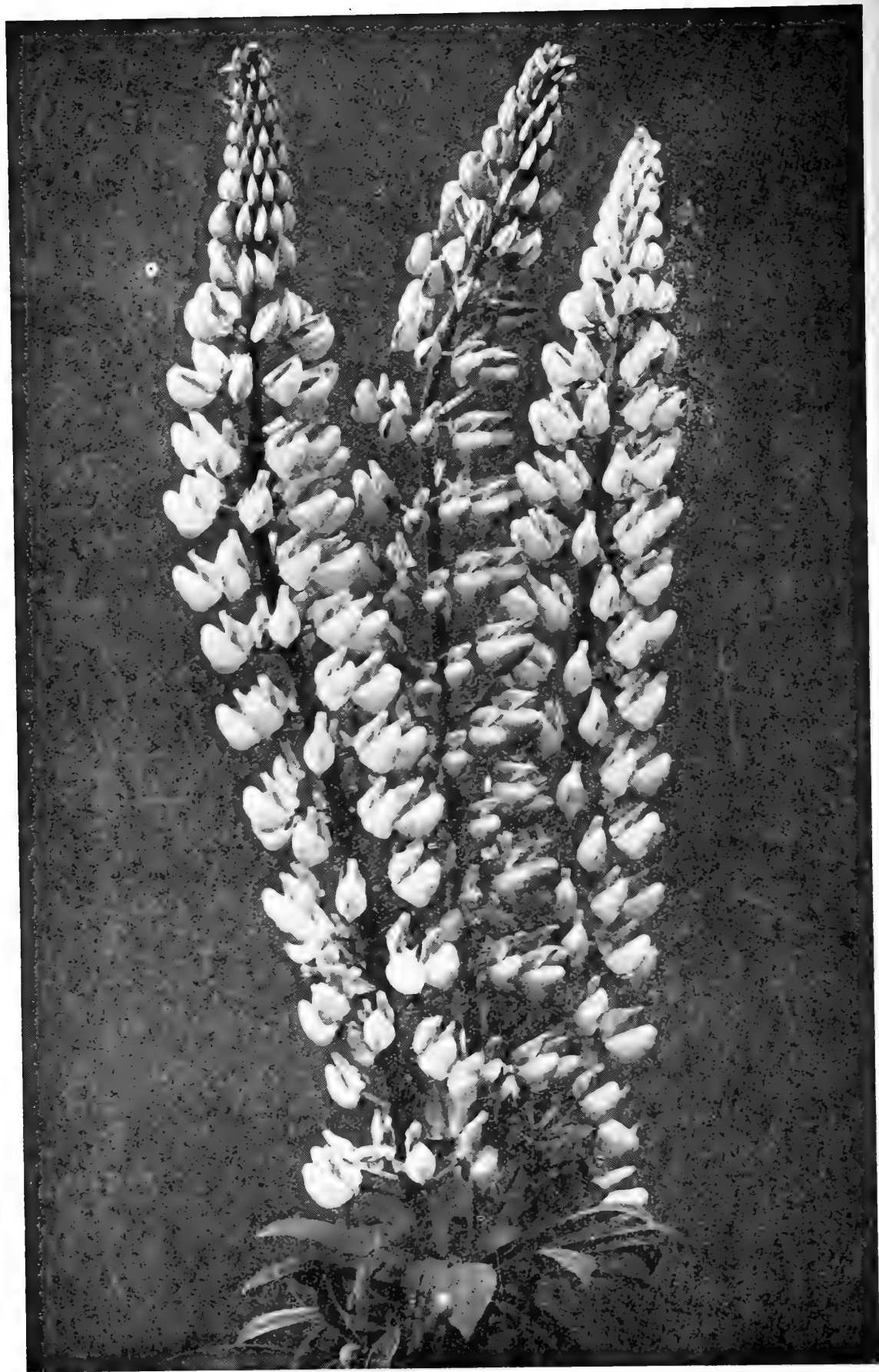
		Per pkt.	$\frac{1}{4}$ oz.	oz.
Dianthus Chinensis ... <i>Indian Pinks</i>	...	4d, 6d	1/-	3/-
One of the prettiest of the Eastern annuals, fine mixed colours giving a grand border effect.				
Dianthus Heddewigii ... <i>Japanese Pinks</i>	...	4d, 6d	2/-	6/6
Double mixed, an extra fine strain.				
Didiscus Coeruleus ... <i>Lace Plant</i>	...	6d	3/9	13/6
A pretty blue annual.				
Dierama Pendula ...	...	6d	3/-	10/6
Soft rosy white funnel-shaped flowers drooping gracefully from threadlike stalks carried on tall stem, a charming bulbous plant.				
Digitalis ... See <i>Foxglove</i>	...	—	—	—
Dimorphotheca Aurantiaca See <i>Namaqua Daisy</i>	...	—	—	—
Eryngium Giganteum ... <i>Sea Holly</i>	...	6d	2/6	8/6
A large blue-flowering thistle-like herbaceous perennial, delights in a sunny situation.				
Eschscholtzia Californica...	...	4d, 6d	1/-	3/-
A choice mixture, bright showy and free-flowering annuals.				
Eschscholtzia Mandarin ...	...	4d, 6d	1/-	3/6
Extra-selected stock, orange-scarlet, very deep colour				
Felicia Tenella ...	...	6d	3/-	10/6
Blue daisy-like flowers.				
Forget-Me-Not ... See <i>Myosotis</i>	...	—	—	—
Foxglove ... <i>"Gloxinioides"</i>	...	4d, 6d	1/3	3/6
The Gloxinia-flowered giant spotted Foxglove, a fine range of colours is found in this type.				
Freesia Refracta Alba ...	...	4d, 6d	1/-	3/-
These beautiful bulbous plants are easily raised from seed, many of the seedlings will flower the first season.				
Gaillardia Grandiflora ...	...	4d, 6d	1/6	5/-
Newest perennial varieties, these hardy composites are among the gayest of summer flowers for the mixed border.				
Gaillardia Picta ... <i>Single Mixed</i>	...	4d, 6d	9d	2/-
An excellent strain.				
Gaillardia Picta Lorenziana Double Mixed	...	4d, 6d	1/3	3/6
Choice mixed colours.				
Gerbera Hybrida ... <i>Barborton Daisy Hybrids</i>	...	6d	—	—
Beautiful long-stemmed daisies in a fine range of colour from cream through all the shades of red, finest cut-flowers. Seeds: 6d. per doz.; 2/6 per 100.				
Gerbera Jamesoni ... <i>Barborton Daisy</i>	...	6d	—	—
The well-known scarlet Transvaal species.				
Seeds: 6d. per doz.; 2/6 per 100.				
Geum Coccineum ...	...	4d, 6d	1/6	5/-
Hardy herbaceous perennials, dazzling scarlet, very showy.				
Gilia ... <i>Choice Mixed</i>	...	4d	6d	1/6
Beautiful hardy annual herbs for beds, borders or rock-work.				
Gilia Coronopifolia ... <i>Perennial Gilia</i>	...	1/-	5/-	—
Grows to a height of 4 ft. with a striking spike of scarlet flowers 1 ft. long.				
Gladiolus Callistis ...	...	6d	3/-	10/6
A scented species.				
Globe Amaranth ... See <i>Gomphrena</i>	...	—	—	—
Gloxinia Hybrida ...	...	1/-	80/-	—
Suited to a cool greenhouse, magnificent tubular bell-shaped flowers in a gorgeous range of colour, they will flower the first season from seed.				
Godetia Whitneyi ... <i>Choice Mixed</i>	...	4d, 6d	1/-	3/-
Showy hardy annuals having a long flowering period and comprising a range of exquisite tints specially suitable for drawing room colour schemes.				



LARKSPUR
Stock-Flowered, Double Branching
(See page 83)

General List—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Gypsophila Elegans	... <i>Carminea</i>	...	4d 6d	1/6
Carmine-red, delightful hardy annuals, splendid cut-flower.				
Gypsophila Elegans	... <i>Grandiflora alba</i>	...	4d 6d	1/-
A grand improvement, flowers large and pure white.				
Gypsophila Elegans	... <i>Rosea</i>	...	4d 6d	1/-
Pink, charming hardy annuals.				
Gypsophila Paniculata	... <i>Perennial</i>	...	4d, 6d 9d	2/-
Large panicles of flowers, handsome for bouquets.				
Gypsophila Paniculata	... <i>Compacta</i>	...	4d, 6d 9d	2/6
Fine improved habit.				
Gypsophila Repens	...	...	6d 2/6	8/6
A creeping variety.				
Helenium Bigelowi	... <i>Perennial</i>	...	6d 5/-	17/6
A beautiful hardy perennial, golden yellow flowers with black centre, very striking and splendid for cut-flower.				
Helichrysum Monstrosum	... <i>Everlasting Flowers</i>	...	4d, 6d 1/9	6/-
Choice double, in various colours mixed.				
Heliophila Scoparia	... <i>Cape Stock</i>	...	6d 3/6	10/6
Helipterum	... <i>See Acroclinium</i>	...		
Hollyhock	... <i>Annual Double</i>	...	4d, 6d 1/6	5/-
Choice mixed, height about 3 feet, bushy habit, will bloom the same season if sown early.				
Hollyhock	... <i>Annual Single</i>	...	4d, 6d 1/3	3/6
Choice mixed, height about 3 feet, bushy habit, will bloom the same season if sown early.				
Hollyhock	... <i>Chater's Double</i>	...	6d 5/6	20/-
An excellent strain of these conspicuous plants, giving a fine range of colours and form.				
Hünemannia Fumarifolia	... <i>Perennial Eschscholtzia</i>	...	4d, 6d 2/-	6/6
Bright yellow flowers, constantly in bloom, good drought resister.				
Iberis	... <i>See Candytuft</i>	...	—	—
Ipomoea Bona Nox	...	...	4d 6d	1/6
Large blue flowers.				
Ipomoea Leari	... <i>Lear's Morning Glory</i>	...	6d 9/-	35/-
Rapid grower, fine climber, rich dark blue.				
Ipomoea Purpurea	... <i>See Convolvulus major</i>	...	—	—
Ipomoea Rubro-Caerulea	... <i>Grandiflora</i>	...	6d 2/6	8/6
Charming sky blue, early flowering, deciduous.				
Ipomoea	... <i>Choice Mixed</i>	...	4d 6d	1/6
Splendid climbers in variety.				
Iris Kaempferi	... <i>Japanese Iris</i>	...	6d 4/-	15/-
These magnificent Irises delight in a swampy situation, gorgeous flowers of great size, they are easily raised from seed.				
Kaulfussia Amelloides	... <i>Annual</i>	...	4d, 6d 2/-	6/6
Showy dwarf annuals for borders.				
Kennedyia Ovata	... <i>Mixed</i>	...	6d 3/6	12/6
Very pretty shrubs and semi-climbers, leguminous.				
Larkspur	... <i>Hyacinth-Flowered</i>	...	4d, 6d 1/-	3/-
"Giant Mixed." Very choice.				
Larkspur	... <i>Stock-Flowered</i>	...	4d, 6d 1/-	3/-
"Double Branching." Finest mixed varieties.				
Larkspur	... <i>Stock-Flowered</i>	...	4d, 6d 2/-	7/6
"Rosy Scarlet." Tall handsome variety, lovely colour.				
Larkspur	... <i>Tall Branching</i>	...	4d, 6d 1/-	3/-
"Blue."				
Larkspur	... <i>Tall Branching</i>	...	4d, 6d 1/-	3/-
"Mixed." A nice range of colour.				



LUPINUS POLYPHYLLUS
(See page 85)

General List—continued.

		Per pkt.	¼ oz.	oz.
Lathyrus Odoratus	... <i>Sweet Peas</i>	...	—	—
See special list.				
Lavandula Spica	... <i>Common Lavender</i>	...	4d, 6d	9d 2/-
Used principally for bed-edging, silvery foliage, sweet-scented.				
Lavandula Vera	... <i>True Lavender</i>	...	4d, 6d	1/3 3/6
The favourite "herb," sweetly scented flowers.				
Leptosyne Maritima	...	...	4d, 6d	1/6 5/-
Large yellow Marguerite, splendid cut-flower and very effective for massing.				
Linaria	... <i>Annual</i>	...	4d, 6d	9d 2/6
"Choice Mixed." Very showy, resembling Snapdragons.				
Linaria Dalmatica	...	...	4d, 6d	1/6 5/-
A beautiful yellow-flowering perennial with striking spikes of flowers resembling Antirrhinum, height 3 ft., splendid cut flower and useful for borders.				
Linum Grandiflorum	... " <i>Rubrum</i> "	...	4d 6d	1/6
A very pretty red-flowering species of Flax.				
Lobelia Cardinalis	... <i>Herbaceous</i>	...	1/6 25/-	—
Brilliant scarlet with dark foliage, this beautiful herbaceous perennial grows to 2 ft. or more and is a very striking plant.				
Lobelia Compacta	... " <i>Crystal Palace</i> "	...	6d 4/-	13/6
Incomparable for dwarf edging, dark blue.				
Lobelia Compacta	... " <i>Emperor William</i> "	...	6d 3/6	12/6
Light blue.				
Lobelia Compacta	... " <i>Pumila nigrescens</i> "	...	6d 5/6	20/-
Dark foliage and rich deep blue flower.				
Lupinus	... <i>Annual Mixed</i>	...	4d 6d	1/-
These make a fine display of rich colouring.				
Lupinus Polyphyllus	... <i>Gibson's Hybrids</i>	...	1/-	—
These magnificent hybrids give very striking spikes of bloom in the choicest shades of colour.				
Lupinus Polyphyllus	... <i>Perennial Mixed</i>	...	6d 9d	2/6
Beautiful leguminous plants for autumn sowing, long spikes of beautiful coloured flowers.				
Malcolmia	... <i>See Virginian Stock</i>	...	—	—
Marigold, African	... <i>Tagetes erecta</i>	...	4d, 6d	9d 2/6
Tall Double Mixed. Well known and popular, free flowering garden plants for summer bedding.				
Marigold, English	... <i>See Calendula</i>	...	—	—
Marigold, French	... <i>Tagetes patula</i>	...	4d, 6d	9d 2/6
Tall Double Mixed. Prettily striped orange and lemon shades and bronze blotched.				
Matthiola	... <i>Stocks</i>	...	—	—
See special list.				
Mignonette	... " <i>Machet</i> "	...	4d, 6d	1/- 3/-
A favourite variety, never failing during summer and its scent is most fragrant.				
Mignonette	... <i>Sweet Scented</i>	...	4d 6d	1/-
Well known and popular plants for bedding and borders.				
Mignonette	... " <i>Triumph</i> "	...	4d, 6d	9d 2/6
Large-flowering pyramidal.				
Mimulus Moschatus	... <i>Musk Plant</i>	...	1/- 13/6	50/-
Popular half-hardy perennial herb for bedding or pot culture.				
Morning Glory	... <i>See Ipomoea and Convolvulus</i>	...	—	—

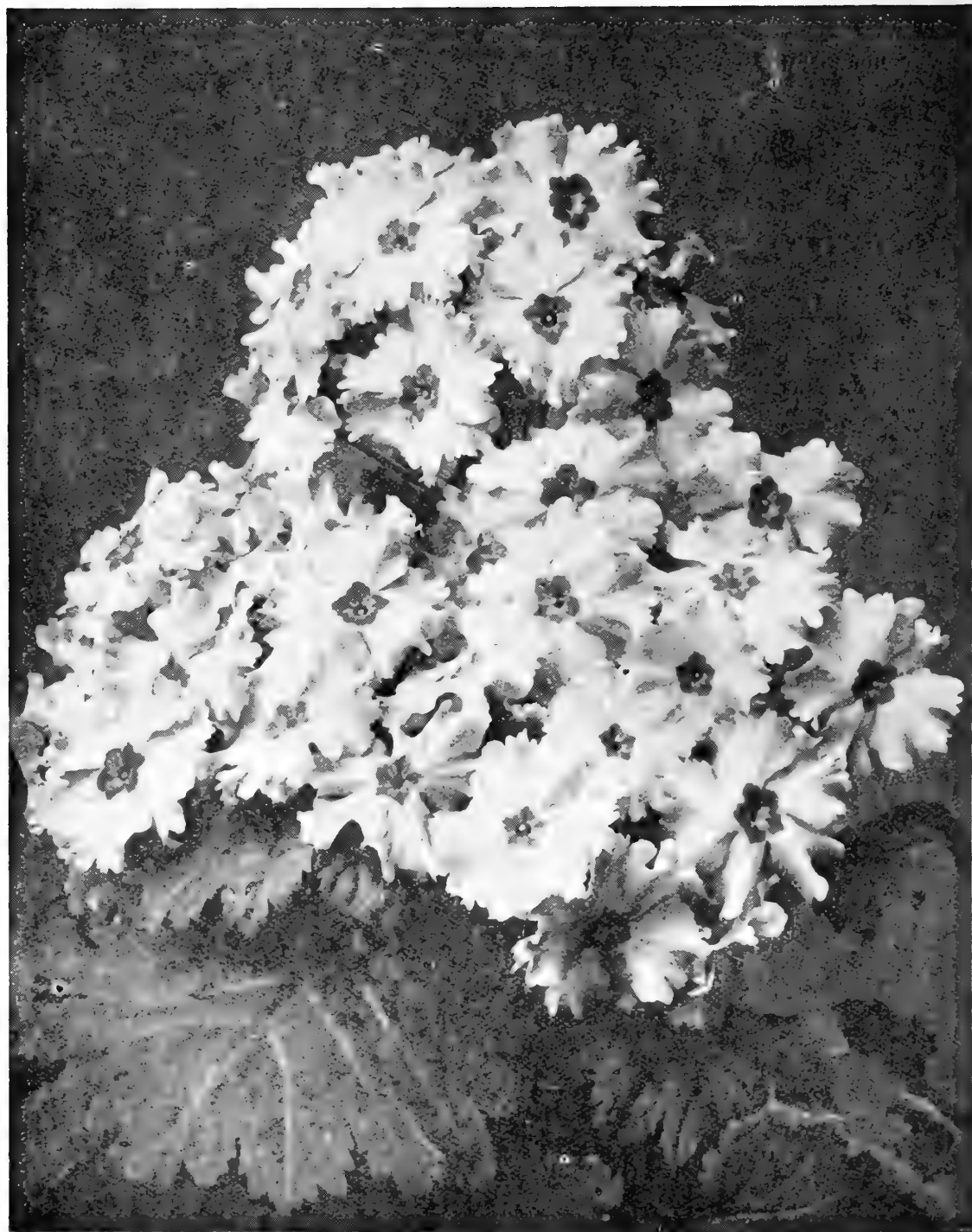


PETUNIA
Single Fringed, Giants of California
(See page 87)

General List—continued.

		Per pkt.	$\frac{1}{4}$ oz.	oz.
Myosotis Alpestris	... <i>Forget-me-not</i>	... 4d, 6d	1/6	5/-
Charming shrubby garden plants.				
Namaqua Daisy	... <i>Dimorphotheca aurantiaca</i>	... 4d, 6d	2/-	6/6
This beautiful yellow daisy should be in every garden.				
Nasturtium	... <i>Empress of India</i>	... 4d	6d	1/3
Intense crimson flowers and dark leaves, dwarf.				
Nasturtium	... <i>"Queen Alexandra,"</i>	... 4d	6d	1/3
A beautiful variegated-leaved variety, blood red, marbled and mottled flowers, tall.				
Nasturtium	... <i>"Starke's Special"</i>	... 4d	6d	9d
A very special mixture including many named varieties, tall.				
Nasturtium	... <i>"Tom Thumb"</i>	... 4d	6d	1/-
Mixed. Popular dwarf variety.				
Nemesia Compacta	... <i>Blue Gem</i>	... 6d	6/-	21/-
Beautiful Forget-Me-Not blue.				
Nemesia Compacta	... <i>Dwarf Hybrids</i>	... 6d	6/-	22/6
Fine compact type, choice mixture of colours including many new shades, very free-flowering.				
Nemesia Strumosa	... <i>"Suttonii"</i>	... 6d	8/-	30/-
Perhaps our best spring annual, it affords an infinite variety of colour and is a most pleasing flower for table decoration.				
Nemophila Insignis	... <i>Blue</i>	... 4d	6d	1/6
Pretty hardy annuals for bedding, sow in autumn and again in spring.				
Nicotiana Sanderae	... <i>Flowering Tobacco</i>	... 4d, 6d	1/9	6/-
Half-hardy herbs, sow in early spring, showy flowers, carmine-red.				
Nigella	... <i>Love-in-a-Mist</i>	... 4d	6d	1/-
Hardy annuals with elegant foliage and pretty flowers, allied to Aquilegia, choice mixed seed from a splendid strain.				
Ornithogalum Lacteam	... <i>Chinkerichee</i>	... 4d, 6d	2/3	7/6
"Darling" variety, late flowering.				
Ornithogalum Thyrsoides	... <i>Chinkerichee</i>	... 4d, 6d	2/3	7/6
"Cape" variety, early flowering.				
Pansies	... See special list	—	—	—
Papaver	... See Poppy	—	—	—
Pentstemon	... <i>Mixed Hybrids</i>	... 6d	4/-	15/-
These hybrids are very handsome.				
Pentstemon Coeruleum	...	... 6d	8/-	30/-
Bright blue flowers in a dense spike.				
Pentstemon Grandiflorum	... <i>"Excelsior Mixed"</i>	... 1/-	10/6	40/-
Very large flowers ranging in colour from white to deepest scarlet, a very fine strain.				
Petunia, California Giants	... <i>Single</i>	... 1/-	60/-	210/-
Gigantic flowers in splendid variety, embracing every shade of crimson, pink, lavender, yellow, black and pure white.				
Petunia, Carnation-Flowered	... <i>Double</i>	... 1/-	—	—
Of great size, fringed flowers like Orchids of rare colours.				
Seeds: 1/- for 25.				
Petunia Grandiflora	... <i>"Splendid Mixed"</i>	... 4d, 6d	2/-	6/6
Saved from choice varieties.				
Petunia Grandiflora	... <i>"Violacea"</i>	... 1/-	—	—
Deep violet purple, splendid				
Petunia Intus Aurea	...	... 1/-	—	—
Yellow-throated, beautiful shades.				
Petunia Nana Compacta	... <i>"Rosy Morn"</i>	... 4d, 6d	1/6	5/-
Excellent bedding variety.				
Phacelia Campanularia	...	... 4d, 6d	1/9	6/-
Beautiful blue-flowering annual with tall flowering stem				

ALWAYS SOW STARKE'S TESTED SEEDS.



CHINESE PRIMROSE

(Primula sinensis)

Single Fringed

(See page 89)

General List—continued.

		Per pkt.	¼ oz.	oz.
Phlox Decussata	... <i>Perennial Phlox</i>	6d	10/6	37/6
Beautiful hardy border plants giving large trusses of bright-coloured bloom.				
Phlox Drummondii	... <i>Summer Phlox</i>	4d, 6d	1/6	5/-
Popular bedding plants giving a bright and varied display of colour, easily grown.				
Pkotees	... See <i>Carnation</i>	—	—	—
Pinks	... See <i>Dianthus</i>	—	—	—
Poppy, Flanders	... <i>English Scarlet</i>	4d, 6d	1/-	3/-
The common single English Poppy re-named during the Great War.				
Poppy, Iceland	... " <i>Coonara Pinks</i> "	1/-	30/-	100/-
A new and beautiful strain in shades of pink; raised in Australia.				
Poppy, Iceland	... " <i>Giant Orange</i> "	1/-	22/6	—
A grand new variety with long stout stems up to 2 ft., comes very true to colour.				
Poppy, Iceland	... <i>Papaver nudicaule</i>	6d	2/6	8/6
Large blooms, orange and yellow shades, not very tall.				
Poppy, Shirley	... <i>Extra Selected</i>	4d, 6d	9d	2/6
A charming type, delicate colours and free-flowering, sow in autumn in the permanent situation, for cut-flower pluck before the buds open.				
Portulaca Grandiflora	... " <i>Double Mixed</i> "	6d	2/6	9/-
Splendid bedding plants for summer, they are drought-resistant and make a gorgeous display in the hottest weather.				
Primrose, Chinese	... " <i>Fimbriata</i> "	1/-	16/-	60/-
Single Mixed, a splendid strain.				
Primrose, English	... <i>Primula vulgaris</i>	1/-	6/-	21/-
The common English Primrose.				
Primula Obconica	... " <i>Large-Flowered</i> "	1/-	13/6	50/-
Charming perennial flowers, pale lilac.				
Pueraria Thunbergiana	... <i>Kudzu Vine</i>	4d, 6d	9d	2/6
Bluish violet, a rampant climber and useful economic plant.				
Pyrethrum Cinerariifolium Trevir		4d, 6d	1/6	5/-
Used for the production of insect powder.				
Ranunculus Asiaticus	... " <i>Superbissimus</i> "	4d, 6d	1/-	3/-
Large single, semi-double and double flowers of brilliant shades of colour.				
Reseda Odorata	... See <i>Mignonette</i>	—	—	—
Salpiglossis Grandiflora	... " <i>Giant Emperor</i> "	6d	2/6	8/6
Upright habit, choice mixed colours.				
Salpiglossis Grandiflora	... " <i>Large-Flowered Mixed</i> "	4d, 6d	2/-	7/6
Magnificent plants for beds or borders, wonderful and almost indescribable colours.				
Salvia Patens	... <i>Flowering Sage</i>	1/-	10/6	40/-
Sky blue.				
Salvia Splendens	... <i>Flowering Sage</i>	6d	3/6	12/6
Fine spikes of brilliant scarlet flowers, very free-flowering.				
Salvia Splendens	... " <i>Bonfire</i> "	6d	5/6	20/-
Vivid scarlet, a striking shrubby plant, splendid for massing.				
Scabious	... <i>Annual Mixed</i>	4d, 6d	1/3	3/6
Splendid bedding plants, excellent for cut-flower.				
Scabious	... " <i>Tall Shasta</i> "	6d	4/-	15/-
Pure white of enormous size with very long stems.				
Scabiosa Caucasica	... <i>Perennial Scabious</i>	6d	8/-	30/-
Delicate lavender-blue, height about 2 ft.				

General List—continued.

		Per pkt.	½ oz.	oz.
Schizanthus ... <i>Butterfly Flower</i>	... 4d, 6d	1/-	3/6	
Charming annuals, half-hardy, useful for bedding and for pot culture, extra fine mixed.				
Schizanthus Wisetonensis ...	... 6d	5/-	17/6	
A beautiful variety of splendid form and wonderfully floriferous.				
Shasta Daisy ... <i>"King Edward VII"</i>	... 4d, 6d	2/3	7/6	
Fine large flowers of perfect form and pure white colour.				
Shasta Daisy ... <i>"The Speaker"</i>	... 4d, 6d	2/3	7/6	
Flowers very large, the finest of this type.				
Statice Bonduelli ... <i>Annual</i>	... 4d	6d	1/6	
Yellow.				
Statice Latifolia ... <i>Perennial</i>	... 6d	4/-	15/-	
A delightful species with deep lavender blue flowers, light and effective.				
Statice Macrophylla ... <i>Perennial</i>	... 6d	3/9	13/6	
Light blue flowers in large bunches, very fine.				
Statice (Pink) ... <i>See Armeria Rosea</i>	...	—	—	—
Statice Sinensis ... <i>Annual</i>	... 4d, 6d	1/-	3/6	
A very graceful plant, 16 to 20 inches, flowers pure white with canary yellow, very beautiful.				
Statice Sinuata ... <i>Annual</i>	... 4d	6d	1/-	
White and blue and rose varieties, separately or mixed.				
Statice Sinuata ... <i>Rosea Superba</i>	... 4d, 6d	9d	2/-	
Bright rose (new).				
Statice Sinuata ... <i>True Blue</i>	... 4d, 6d	9d	2/6	
Rich navy blue (new).				



Statice Sinuata.

General List—continued.		Per pkt.	¼ oz.	oz.
Statice Suworowi	... <i>Annual</i>	4d, 6d	1/6	4/6
A very handsome annual with long flowering stems covered for about half their length with bright rose flowers.				
Sticks	... See special list	—	—	—
Sunflower	... " <i>Cucumerifolius</i> "	4d, 6d	9d	2/-
Miniature, 2 ft., branching flower stems, flowers 2 to 3 in. across, golden with black eye.				
Sunflower	... " <i>Double Orange</i> "	4d, 6d	9d	2/-
(Globulus fistulosus). Extra tall and very double.				
Sutherlandia Frutescens	... <i>Cancer Bush</i>	4d	6d	1/-
A leguminous South African shrub having very pretty scarlet flowers.				
Sweet Peas	... <i>Lathyrus odoratus</i>	—	—	—
See special list.				
Sweet Sultan	... <i>Imperial</i>	4d, 6d	1/-	3/-
A fine race with upright flower stalks and varied colours.				
Sweet William	... <i>Double Mixed</i>	4d, 6d	1/-	3/-
Well-known and popular garden plants, this is a very fine and free-flowering strain.				
Sweet William	... <i>Single Mixed</i>	4d	6d	1/6
Extra fine, beautiful shades of colour.				
Thalictrum Dipterocarpum	...	6d	4/-	15/-
A very graceful plant for the herbaceous border, rose-purple with yellow anthers, 4 to 5 ft.				
Thunbergia Alata	... " <i>Black-eyed Susan</i> "	6d	3/-	10/6
Very pretty evergreen twiner, yellow flowers with black "eye," likes a warm and moist situation.				
Tithonia Speciosa	... <i>Mexican Sunflower</i>	6d	4/-	15/-
Orange-vermilion, striking and beautiful flower.				
Tropaeolum Canariense	... <i>Canary Creeper</i>	4d, 6d	1/3	4/-
A very pretty species.				
Tropaeolum Speciosum	... <i>Flame Flower</i>	1/-	6/-	22/6
Beautiful hardy climber, vigorous growth and covered with brilliant scarlet flowers.				
Valeriana	... <i>Polemonium cœruleum</i>	4d, 6d	1/6	4/6
"Blue Greek." Blue-flowering herbaceous perennials for cut-flower, hardy.				
Valeriana	... <i>White Valerian</i>	4d, 6d	1/6	5/-
Hardy herbaceous perennials, splendid for cut-flower, light graceful stems.				
Verbena	... <i>Auricula-eyed</i>	4d, 6d	2/-	7/6
Choice mixed.				
Verbena	... <i>Scarlet</i>	6d	2/6	8/6
A bright and striking colour.				
Verbena	... <i>Starke's Mammoth Mixed</i>	6d	3/6	12/6
A very fine mixture, magnificent heads of bloom.				
Violas	... <i>Scotch Strains</i>	1/-	30/-	—
Choicest and newest bedding hybrids.				
Violet	... " <i>The Czar</i> "	6d	6/9	25/-
Large blue, free flowering.				
Virginian Stock	... <i>Malcolmia Maritima</i>	4d	6d	1/6
Pretty dwarf bedding plants, free-flowering, bright colours, may be sown at different times for succession of bloom.				
Viscaria (Mixed)	... <i>Rock Lychnis</i>	4d, 6d	1/-	3/-
Showy annuals in a fine range of bright colours, splendid for bedding and easily grown.				
Wallflower	... <i>Single Mixed</i>	4d	6d	1/6
A splendid mixture.				

Seeds of Forest and Ornamental Trees and Shrubs

		Per oz.	$\frac{1}{4}$ lb.	lb
Aberia Caffra ... <i>Kei Apple</i> ...	Bears an edible fruit used by the jam factories, usually grown as a hedge.	9d	1/9	6/-
Acacia Baileyana ... <i>Bailey's Wattle</i> ...	A drought resistant tree of great beauty. The best Acacia for ornamental purposes.	9d	2/-	6/-
Acacia Cyclops ... <i>Rooikrans</i> ...	Shrubby habit, useful for reclamation of drift sands.	—	6d	1/-
Acacia Decurrens var. <i>Dealbata Silver Wattle</i> ...	Hardier than Black Wattle but the bark is not so valuable.	—	6d	1/6
Acacia Decurrens var. <i>Mollis Black Wattle</i> ...	Produces the best tanning bark, succeeds on sour veld.	—	6d	1/-
Acacia Decurrens var. <i>Normalis Green Wattle</i> ...	Closely resembles Black Wattle but slightly hardier. The yield of bark is lower.	—	6d	1/6
Acacia Farnesiana ... <i>"Cassie"</i> ...		9d	2/-	7/6
Acacia Longifolia ...	Ornamental shrubby habit, bright yellow flowers.	6d	1/-	3/-
Acacia Melanoxylon ... <i>Blackwood</i> ...	A useful shade and timber tree suited to the cooler and moister parts of the Union.	6d	9d	2/-
Acacia Pycnantha ... <i>Golden Wattle</i> ...	Produces valuable bark but the tree is small and the yield not very heavy.	—	6d	1/-
Acacia Saligna ... <i>Port Jackson Wattle</i> ...	Quick growing and hardy, suited to coastal area, useful bark and timber.	—	—	6d
	25 lbs at 5d; 100 lbs at 4d per lb.			
Acer Platanoides ... <i>Norway Maple</i> ...		6d	9d	2/6
Betula Alba ... <i>White Birch</i> ...	A hardy deciduous tree, the Common European White Birch.	6d	1/3	3/6
Callitris Quadrivalvis ...	A medium-sized tree from N. Africa yielding the true Sandarac-resin and a beautiful mottled wood that is used for furniture.	1/9	—	—
Callitris Robusta ... <i>White Callitris</i> ...	Slow growing but reaches a fair size, durable soft wood, good shelter for orchards, suited to dry districts especially on sandy soil.	1/9	6/6	24/-
Calodendron Capensis ... <i>Cape Chestnut</i> ...	Beautiful large flowers in terminal panicles, pinkish white with purple, very conspicuous.	1/3	3/6	12/6
Casuarina <i>Cunninghamiana Beefwood</i> ...	A fine large shade tree, thrives best near a stream.	1/6	5/-	17/6
Casuarina Equisetifolia ... <i>Coast Beefwood</i> ...	Grows in saline soil and valuable as a sand-stay.	1/6	5/-	17/6
Cedrela Toona ... <i>Toon</i> ...	A handsome ornamental and timber tree, rapid grower, cedar-like soft wood, likes moist localities	1/3	3/6	12/6
Cedrus Atlantica Argentea ... <i>Mount Atlas Cedar</i> ...		1/-	3/6	12/6
Cedrus Deodara ... <i>The Deodar Cedar</i> ...	Suited to the High Veld. A large tree yielding valuable softwood, ornamental.	1/3	4/-	15/-

	Per oz.	$\frac{1}{4}$ lb.	lb.
Ceratonia Siliqua ... <i>Carob Bean</i> ...	6d	1/3	4/-
Drought resistant, succeeds best on calcareous soil. The pods are a valuable cattle food.			
Corylus Avellana ... <i>Hazel Nut</i> ...	—	1/3	4/-
Hardy deciduous shrub.			
Crataegus Oxyacantha ... <i>English May</i> ...	6d	1/-	3/-
White flowering, fragrant, a fine sight when covered with red berries in autumn. Deciduous.			
Cryptomeria Japonica ... <i>Japanese Cedar</i> ...	1/9	5/6	20/-
A tall straight-growing tree, yields valuable softwood, thrives in moist, mountainous localities.			
Cupressus Arizona ... <i>Arizona Cypress</i> ...	1/6	5/-	17/6
Probably the hardiest Cypress and suited to the O.F.S. and similar regions.			
Cupressus Lawsoniana ... <i>Lawson's Cypress</i> ...	1/6	5/-	17/6
A large and very graceful tree, will grow to 100 feet in favourable conditions, good clear timber easily worked.			
Cupressus Lusitanica ... <i>Portuguese Cypress</i> ...	6d	1/9	6/-
A large and rapid growing tree, requires a mild and moist climate.			
Cupressus Macrocarpa ... <i>Macrocarpa Cypress</i> ...	1/3	4/-	15/-
Splendid for tall hedges, shelter rows and as ornamental specimens. Imported seed (True).			
Cupressus Macrocarpa ... <i>New Zealand Seed</i> ...	1/3	3/9	13/6
Cupressus Sempervirens (<i>Horizontalis</i>) <i>Spreading Cypress</i> ...	6d	1/3	4/-
Durable timber for fencing poles, hardy in the Karroo and O.F.S.			
Cupressus Sempervirens (<i>Pyramidalis</i>) <i>Pyramidal Cypress</i> ...	6d	1/3	4/-
The familiar tree of Churchyards, hardy in the Karroo.			
Cupressus Torulosa ... <i>Himalayan Cypress</i> ...	1/-	3/6	12/-
An excellent windbreak, and stands the severest cold.			
Cytisus Proliferus Albus <i>Tagasaste</i> ...	9d	2/-	7/6
A handsome white-flowering shrub and useful fodder plant.			
Diospyros Virginiana ... <i>Persimmon</i> ...	1/3	3/6	12/6
Dodonaea Viscosa ...	1/-	3/6	12/-
A pretty hedge plant, bright green foliage, hardy against drought but tender to frost, the seed may be sown <i>in situ</i> .			
Eucalyptus sp. ... <i>Mixed Gums</i> ...	6d	9d	2/6
Eucalyptus Bicolor ...	2/-	6/6	24/-
Eucalyptus Calophylla ... <i>White-Flowering Gum</i> ...	1/6	5/-	17/6
Large white flowers, ornamental, produces strong timber, not very frost resistant.			
Eucalyptus Citriodora ... <i>Lemon-scented Gum</i> ...	1/3	4/-	15/-
Tall straight and clean stems, good timber, drought resistant, a fine tree.			
Eucalyptus Cladocalyx ... <i>Sugar Gum</i> ...	1/-	3/-	10/6
The best for the drier districts of Western Cape. Province such as Malmesbury and Piquetberg and similar localities.			
Eucalyptus Coriacea ...	1/6	5/-	17/6
One of the most frost-hardy gums but not very drought-resistant, stems usually crooked.			
Eucalyptus Cornuta ... <i>Yate</i> ...	1/6	5/-	17/6
Large tree, heavy durable wood, suited to coastal area of the Cape Province.			
Eucalyptus Crebra ... <i>Narrow-Leaved Iron Bark</i> ...	1/9	6/6	24/-
Strong, hard and durable wood, drought-resistant but not so frost-hardy as <i>E. Sideroxylon</i> .			

	Per oz.	¼ lb.	lb.
Eucalyptus Diversicolor Karri ...	1/6	5/-	17/6
Large straight tree, a rapid grower on deep soils in the coastal area of Cape Province.			
Eucalyptus Ficifolia ... <i>Red-Flowering Gum</i> ...	1/9	6/6	24/-
Large and prominent panicles of various shades of scarlet and crimson.			
Eucalyptus Globulus ... <i>Blue Gum</i> ...	9d	2/-	7/6
Extremely rapid grower, best suited to moist areas in Cape Province.			
Eucalyptus Gomphocephala Tuart ...	1/6	5/-	17/6
Fairly large tree, hard strong timber, suited to coastal area.			
Eucalyptus Gunnii ... See <i>E. Ovata</i> ...	—	—	—
Eucalyptus Lehmanni ...	1/-	3/-	10/6
The Bushy Cornuta Gum, extensively used for tall hedges and shelter belts.			
Eucalyptus Longifolia ... <i>Woolly Butt</i> ...	1/6	5/-	17/6
Large tree, straight grower, durable wood, suited to moist localities.			
Eucalyptus			
Macrorrhyncha ...	2/9	10/-	35/-
Fairly drought-resistant, straight and durable timber.			
Eucalyptus Maculata ... <i>Spotted Hickory</i> ...	1/6	5/-	17/6
Well suited to moist areas in Natal and Transvaal and in drier districts if practically frost-free, good timber.			
Eucalyptus Maidenii ... <i>Maiden's Gum</i> ...	2/9	10/-	37/6
Very rapid grower and fairly hardy to frost and drought.			
Eucalyptus Marginata ... <i>Jarra</i> ...	1/6	5/-	17/6
Produces the well-known durable timber, but has not yet found its best locality in South Africa.			
Eucalyptus Melliodora ... <i>Yellow Box</i> ...	1/6	5/-	17/6
Medium size, very hardy to frost and drought, tough wood, abundant sweet flowers suitable for bees, thrives in O.F.S.			
Eucalyptus Microcorys ... <i>Tallowood</i> ...	1/6	5/-	17/6
Splendid timber tree for moist warm districts, not very frost or drought resistant.			
Eucalyptus Obliqua ... <i>Stringy Bark</i> ...	1/9	6/6	24/-
A quick-growing tree, large and straight, makes useful timber, likes cool and moist conditions.			
Eucalyptus Ovata ...	2/9	10/-	35/-
Formerly known as <i>E. Gunnii</i> . Suited to the highveld where not too dry. Fairly tall and straight.			
Eucalyptus Paniculata ... <i>Grey Ironbark</i> ...	1/6	5/-	17/6
A fine timber tree for moist districts and stands some drought, but tender to frost.			
Eucalyptus Polyanthemus <i>Red Box</i> ...	1/6	5/-	17/6
Medium size, frost and drought resistant, good shade and street tree, tough heavy wood.			
Eucalyptus Resinifera <i>Forest Mahogany</i> ...	1/6	5/-	17/6
A fine timber tree for moist regions where frost is not severe.			
Eucalyptus Robusta ... <i>Swamp Mahogany</i> ...	1/-	3/-	10/6
Rapid grower, shady, stands fairly dry conditions but prefers moist frost-free localities.			
Eucalyptus Rosirata ... <i>Red Gum</i> ...	1/3	3/6	12/6
Good and durable timber, hardy to drought, heat, cold and brack, one of the most generally successful kinds.			
Eucalyptus Saligna ... <i>The Saligna Gum</i> ...	1/3	3/9	13/6
Very rapid grower, straight, useful timber, tolerant to varying conditions if sufficient moisture and frost-free.			

	Per oz.	½ lb.	lb.
Eucalyptus Salmonophloia <i>Salmon-Barked Gum</i> ...	1/6	5/-	17/6
A small tree suited to dry districts in Cape Province where frosts are not severe.			
Eucalyptus Sideroxylon ... <i>Red Ironbark</i> ...	1/6	5/-	17/6
Excellent timber tree, drought and frost resistant, suited to a wide range of locality.			
Euonymus Japonicus			
Redivans ...	1/9	5/6	20/-
Ginkgo Biloba ... <i>The Maidenhair Tree</i> ...	6d	1/-	3/6
A highly ornamental tree producing edible nuts, deciduous.			
Gleditschia Triacanthos ... <i>Honey Locust Tree</i> ...	6d	1/6	4/6
Hardy to drought and frost.			
Grevillea Robusta ... <i>Silky Oak</i> ...	1/6	5/-	17/6
Handsome ornamental tree with fern-like leaves and abundant golden yellow flowers in spring.			
Jacaranda Mimosaefolia <i>Jacaranda</i> ...	1/6	5/-	17/6
An ornamental tree of great beauty. When in bloom it is literally covered with mauvy blue flowers.			
Juniperus Virginiana ... <i>Pencil Cedar</i> ...	6d	1/9	6/-
Slow-growing but hardy to drought and frost.			
Lebeckia Cytisoides ...	2/6	—	—
A leguminous S. African shrub resembling Cytisus. Clusters of yellow pea-flowers are produced in great profusion in August.			
Leptospermum			
Laevigatum <i>Australian Myrtle</i> ...	1/-	3/-	10/6
Used solely as a hedge plant, thrives wonderfully in the Cape Province.			
Leucadendron Argenteum <i>Silver Tree</i> ...	1/-	3/-	10/6
Indigenous on the slopes of Table Mountain and well known for its beautiful silvery foliage.			
Leucadendron Plumosum ...	5/-	—	—
Useful ornamental shrub.			
Ligustrum Ixora ...	9d	2/3	7/6
Ligustrum Japonicum ... <i>Japanese Privet</i> ...	6d	9d	2/6
A very rapid grower, makes a fine evergreen hedge, sweetly scented flowers.			
Ligustrum Lucidum ... <i>Chinese Privet</i> ...	6d	1/9	6/-
Excellent hedge plant, hardy and strong grower, also useful ornamental tree.			
Melaleuca Leucadendron <i>Inland White Tea Tree</i> ...	5/-	—	—
A tall-growing tree yielding hard and close-grained timber.			
Morus Alba ... <i>White Mulberry</i> ...	2/-	—	—
Morus Nigra ... <i>Black Mulberry</i> ...	10/6	—	—
Myrtus Communis ... <i>English Myrtle</i> ...	1/3	4/-	15/-
White flowering, dark green foliage, mostly used for bed edging and hedges.			
Paulownia Imperialis ... <i>Empress Tree</i> ...	1/3	4/-	15/-
Handsome tree with large foliage and lilac foxglove-like flowers, rapid grower, deciduous.			
Pinus Canariensis ... <i>Canary Island Pine</i> ...	9d	2/6	7/6
Suited to mountainous regions of Cape Province, valuable timber tree.			
Pinus Halepensis ... <i>Jerusalem Pine</i> ...	6d	1/-	3/-
Suited to Western Free State and Transvaal, yields even-grained soft-wood and is a good shelter tree.			
Pinus Insignis ... <i>Insignis Pine</i> ...	1/3	3/6	12/6
A very handsome and rapid growing tree, reaching a height of 80 to 100 feet, suited to the coastal area.			
Pinus Muricata ... <i>Bishop's Pine</i> ...	1/6	4/-	15/-
Rapid grower somewhat resembling <i>P. insignis</i> , will grow on clayey soils, should be tried in high-veld districts under fairly moist conditions.			

		Per oz.	$\frac{1}{4}$ lb.	lb.
Pinus Palustris ... <i>Long Leaf Pitch Pine</i> ...		1/6	5/-	17/6
A fine timber tree, likes a moist climate and well-drained soil.				
Pinus Pinaster ... <i>Cluster Pine</i> ...		6d	9d	2/6
The forest pine of the Cape Peninsula, hardy and can be sown on the permanent situation (15 to 20 lbs. per acre).				
Pittosporum Buchananii <i>Matipo</i> ...		1/6	4/-	15/-
Pittosporum Eugenioides ...		1/6	4/-	15/-
May be grown as a shrub or small tree and splendid for hedges, pale metallic-green foliage, compact habit.				
Pittosporum Tenuifolium <i>Silver Matipo</i> ...		1/6	4/-	15/-
Podalyria Sericea ...		2/6	—	—
Fine dwarf shrub, rose-coloured flowers.				
Prosopis Juliflora ... <i>Algaroba</i> ...		6d	1/-	3/-
A small hardy tree yielding pods valuable for fodder and durable wood.				
Protea Spp. ...		2/6	—	—
The following are available: P. Compacta, P. Lanceolata, P. Latifolia, P. Marginata, P. Mellifera, P. Mundii, P. Nerifolia, P. Obtusifolia, P. Pulchella, P. Susannae.				
Psoralea Aphylla ...		3/-	—	—
Graceful waterside shrub, quick grower.				
Psoralea Odoratissima ...		3/-	—	—
Fragrant evergreen shrub.				
Rhus Viminalis ... <i>Karree</i> ...		6d	9d	2/6
A hardy indigenous tree of the Karroo and other parts of South Africa.				
Robinia Pseudacacia ... <i>Robinia</i> ...		6d	1/9	6/-
Ornamental white flowers, hardy to frost and drought but prefers moist localities, makes good fencing posts. Deciduous.				
Schinus Terebinthifolius ...		2/-	—	—
Sequoia Gigantea ...		21/-	—	—
Sterculia Diversifolia ... <i>Currajong</i> ...		1/6	5/-	17/6
A handsome street tree, beautiful cream and red-marked flowers. The leaves are good fodder.				
Sterculia Platanifolia ... <i>Chinese Parasol</i> ...		9d	2/3	7/6
Has very large leaves, often 12 in. across, and curious pod-like capsules; the flowers are insignificant; deciduous.				
Sutherlandia Frutescens <i>Cancer Bush</i> ...		1/-	—	—
A leguminous South African shrub having very pretty scarlet flowers.				
Syringa Vulgaris ... <i>Common Lilac</i> ...		2/6	9/-	32/6
Syringa Vulgaris ... <i>"Flora Alba"</i> ...		1/-	4/-	15/-
White flowering variety.				
Taxodium Distichum ... <i>Swamp Cypress</i> ...		6d	1/6	4/6
A good timber and ornamental tree suited to low-lying situations or stream banks. Deciduous.				
Telopea Speciosissima ... <i>Waratah</i> ...		—	—	—
An Australasian Protea from New Zealand, gorgeous red flower resembling a Leucadendron. Seeds: 1/6 per doz.				
Tetraelinus Articulata ... See <i>Callitris quadrivalvis</i>				
Virgilia Capensis ... <i>Keurboom</i> ...		1/6	5/-	17/6
An indigenous evergreen leguminous tree with sweetly scented lilac flowers in spring and early summer.				
Wistaria Sinensis ... <i>Blue Wisteria</i> ...		2/-	—	—
Deciduous twiner, beautiful racemes of deep lavender flowers in early spring. Seeds. 2/6 per 100; 21/- per 1000.				

Day, Son & Hewitt's Animal Medicines

FOR HORSES, CATTLE, SHEEP and PIGS.

			Price	Postage
"Broncholine"	...	Per bot.	2/-	1/-
The great Parasitic Remedy for Lambs and Calves. For Coughs and Bronchial Irritation, Lungworms, Tapeworms, etc.				
"Chemical Extract"	...	Per bot.	2/-	1/-
An Embrocation for Wounds, Kicks, Barbed Wire Cuts, Bruises, etc., Sores, Chafed Shoulders, Saddle Galls, Rheumatism, Sore Throats, Swollen Udders, Sore Teats.				
Cleansing Drench	...	Per pkt.	1/-	6d
For cleansing Mares, Cows and Ewes and to prevent blood-poisoning.				
"Curdolix"	...	Per bot.	7/-	1/-
A famous Scour Mixture, which speedily arrests Diarrhoea, White Skit or "Curd" in Foals, Calves, Lambs, Pigs, etc. It warms and soothes the Stomach and irritated Membranes, also neutralises Acidity.				
"Dakos"	...	Per 2lb. tin	13/6	1/6
In cases of sterility or barrenness, acts as a genital tonic and nerve stimulant and as a true builder of breeding power. Advised for cases of cows and mares turning, not standing to service, failing to come in season, not holding, etc. Used for both sexes.				
"Gall Ointment"	...	4 oz.	9d	6d
Rapidly heals Sore Shoulders, Saddle Galls, Greasy Heels, Speed Cracks, in Horses and Mules; also Wounds on Cattle.				
"Gall Sick Cure"	...	Per bot.	1/-	1/6
For "Gall Sick" which generally arises from a change of dry to green grass or vice-versa. Treat immediately.				
"Gaseodyne"	...	Per bot.	5/-	1/-
Used as Laudanum for dulling pain. It soothes the Nervous System in cases of difficult parturition, and is recommended for Bronchitis, Pneumonia, Gastritis, Influenza or Pink Eye and Dysentery.				
"Gaseous Fluid"	...	Per bot.	2/-	1/-
Acts like magic for Fret, Colic or Gripes, Colds, Chills, Shivering Fits, Spasms, etc., in Horses, Mules, Cattle, Sheep, Pigs and Goats. Hoven or Blown Cattle and Sheep instantly relieved after one dose. Highly recommended for prostrated animals after difficult parturition.				



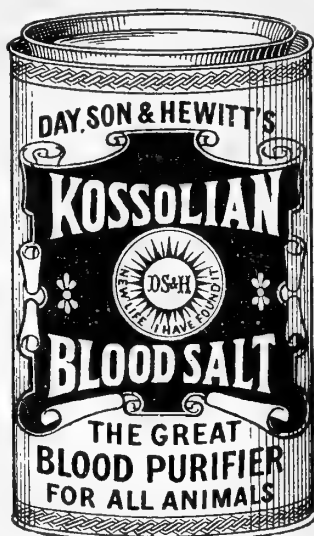
Price Postage

"Horse Balls" (Gelatine Coated) ... Per doz. 9/6 1/-
 "Black Physic" for Constipation; "Condition";
 "Worm," for Stomach and Intestinal Worms;
 "Digestive"; "Diuretic" for Thick Water, etc.;
 "Constitution"; "Cordial." Also "Fever
 Balls," "Cough Balls," and "Grease Balls."
 (1/- each; postage 2d.)

"Kossolian" ... 28 lbs. 40/- —

The Great Blood Puri-
 fier and Conditioner
 for all Animals.
 Specially recommend-
 ed for all Blood Dis-
 orders in Horses,
 Cattle, Sheep, Pigs
 and Goats, such as
 Surfeits, Itching,
 Anæmia, Unthrif-
 tiness, Humours, Skin
 Affections; also Slug-
 gishness, Staring
 Coat, Indigestion,
 Lack of Appetite,
 e t c . "Kossolian"

quickly prepares ani-
 mals for Show or
 Sale, and is given
 sprinkled amongst the food.



Patent Pessaries ... Each 2/- 2d
 For breeding stock. Per doz 21/- 1/-

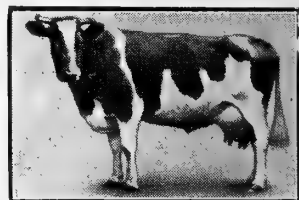
No. 1 Yellow. For expelling the cleans-
 ing after calving, rendering the passage
 aseptic, it prevents blood poisoning from
 the after-birth becoming foul.

No. 2 Pink. For inflammation after diffi-
 cult foaling or calving. Acts as a painkiller.

No. 3 Green. For "Whites" in cattle,
 mares, etc. The passage should be
 syringed first.

No. 4 Brown. For slipping or abortion,
 preventing the bacillus entering the vagina.

No. 5 Mauve. Used as an "antacid" for
 sterility and barrenness, including cows and
 mares "turning," "not holding," etc. Use
 with "Dakos."



"Porcino Pig Powders" ... Per doz pkts 3/- 4d

Keeps Pigs in first-class condition. For In-
 flammatory Disorders, Skin Eruptions, pre-
 venting Fits, etc.

			Price	Postage
“Red Condition Powders	... ..	Per pkt.	1/6	2d
Highly recommended for Horses after a hard day’s hunting or driving, and for Staring Coat, Itching of the Skin, Swollen Legs, General Ill-Condition, etc.				

“Red Drench” (or Inflammation Powder)	... ..	Per pkt.	1/-	6d
(Pkts.: 10/- per doz.)				

The Safe and Natural Aperient for all Animals. Invaluable for Colds, Chills, Indigestion, Costiveness, Garget, Murrain, Yellows, Hidebound, Fardelbound, Loss of Cud in Cattle. Highly recommended for Cows after Calving, and for Ewes after Lambing. It cleanses the system, prevents Milk Fever, and checks all Feverish Symptoms.



Salodyne	... ..	Per tin	5/-	—
For Fluke and Liver Rot.		Larger	8/6	—
Sore Teat Lotion	... ..	Per bot.	4/-	1/-
For Sores and Wounds on Udder or Teats.				

“Vetamenta”	... ..	Per bot.	4/-	1/-
A Chill and Fever Cure for all Animals (ready mixed for immediate use). Specially prepared for Garget, Felon, Udder-ill Swollen Bags and Sore Teats.				



AM20

S.A. Stockowner's Medicine Chest	... ..	Each	70/- and 105/-
Contains a most useful range of these medicines.			



STOREKEEPERS

should apply for

WHOLESALE LIST.

“Veterinary Practice at Home”	... ..	Per copy	2/6	Free
A very interesting and useful book which no Farmer should be without. 352 pages giving the cause, symptoms and treatment of over 200 Animal Ailments. Fully illustrated.				

AM20

FOR POULTRY.

		Price	Postage
Kossolian Blood Salt for Poultry ...	Per tin	2/-	6d
The great Blood Purifier and Conditioner.			
Poultry Pellets , Liver, Roup, Diarrhœa and Leg Weakness ...	Per bot.	1/9	4d
One bottle of each for 6/6 (postage 4d).			
Roup Powder for Poultry ...	Per bot.	1/9	4d
A Safe and Reliable Cure and Preventative.			
Yellow Ointment for Poultry ...	Per tin	1/9	4d
For Scaly Legs, Red Mite and Comb Disease.			AM20

FOR DOGS.

		Price	Postage
Castor Oil Elixir ...	Per bot.	2/-, 5/-	6d, 1/-
A safe and soothing aperient.			
Cod Liver Oil Capsules ...	Per bot.	2/-, 5/-	2d, 4d
For weak or debilitated Dogs.			
Cough Mixture for Dogs and Cats ...	Per bot.	1/9	6d
For Coughs, Colds and Irritation of the Throat or Lungs.			
Distemper Cure ...	Per bot.	1/9	1/-
A safe and valuable preparation for Distemper.			
Dog and Puppy Pills ...	Per bot.	1/9	4d
Distemper, Cough, Astringent, Worm, Aperient.			
Ear Canker Lotion ...	Per bot.	4/6	1/-
Thoroughly reliable and efficient for cases of Canker in Dogs.			
Eczema Lotion ...	Per bot.	1/9	4d
For Irritation and Scratching in cases of Eczema, Mange, Ringworm, etc.			
"Fidac" ...		1/6	6d
A valuable food for Weaning and Rearing Puppies and for Invalid Dogs.			

"Kossolian" ... Per tin 2/- —

The world-famed Blood Purifier, Tonic and Conditioner for all Dogs. Impure Blood is invariably the cause of most Dogs' Ailments, such as Skin Eruptions, Eczema, Anæmia, Sluggishness, Ill-condition, etc. The great point is to eliminate the poisonous matter in the blood, and for this purpose "Kossolian" is a "Specific." Recommended for Dogs recovering from Distemper.



Dog Medicines—continued

		Price	Postage
"Kossolian" Pills	... .. Per bot.	2/-	4d
For all breeds of Dogs. Supplied in 2 sizes according to the size and breed of the animal. They purify the Blood and tone up the system generally.	Per bot.	4/6	6d



Shampoo (Dry)	... .. Per bot	1/9	4d
Avoids the risk of chills and acts as an enemy to vermin.			
"Xemos"	... .. Per tin	1/9	6d
Excellent for severe forms of Mange, Eczema, Ringworm, etc.			

AM20

Miscellaneous.	Per lb.	25 lbs.	50 lbs.	100 lbs.
Epsom Salts	... .. 6d	5/6	9/-	17/6
Glauber Salts	... .. 6d	5/-	8/-	15/-
Snow White Phosphate (Very high grade and very soluble)	... ..	5/6	10/-	18/6
McDougall's Ear Smear for Ticks	... ..		3/- per tin	
"Delmore" Nicotine Tick Ointment	... ..	Per lb 1/-, 5 lbs 4/-		
"Delmore" Tick Oil	... ..	Per 1/8 gal. 1/-, 1 gal. 5/-		

Fertilisers.

We give the following list of Fertilisers to help the uninitiated gardener who may be looking for a suitable fertiliser for a particular crop but does not know how best to choose for this purpose.

Agricultural Lime.—This is carbonate of lime for fertiliser purposes. It is in the right form for the garden—don't attempt to whitewash the fowl house with it. It is of no use for that purpose. Liming is important and should be carried out at intervals—every three years or so. It sweetens the soil and helps to prevent disease. A fairly heavy dressing is advisable, at least $\frac{1}{2}$ lb per square yard. 100 lbs 3/6; 150 lbs 4/6; 2000 lbs £2.

Basic Slag.—An excellent phosphatic fertiliser. Not so soluble as Superphosphate but has the advantage in that it tends to sweeten the soil whereas Superphosphate has the opposite tendency. 25 lbs 3/3; 50 lbs 5/9; 100 lbs 9/6; 200 lbs 15/-; per 2000 lbs £5.

"Capex" Superior Garden Fertiliser.—This is a highly concentrated mixture for general garden work. $2\frac{1}{2}$ lb pkts 1/6; 7 lb bags 3/-; 14 lb bags 4/-; 25 lbs 5/-; 50 lbs 8/6; 100 lbs 14/6; 200 lbs 26/-; 2000 lbs £12.

"Carmona" Plant Food.—Packed in convenient form for the small grower. Many gardeners swear by "Carmona" Plant Food. Price: 1 lb tins 1/-; 2 lb tins 1/6; 7 lb tins 4/3; 12 lb bags 6/9.

Charcoal Dust.—Splendid as a sweetening agent, especially for plants in pots or tins. 25 lbs 2/6; 50 lbs 3/6; 100 lbs 5/-.

Ground Kraal Manure.—An excellent substitute for stable manure but much more concentrated. It is specially beneficial on soils lacking in humus. 100 lbs 6/-; 200 lbs 10/6; 2000 lbs £4.

"Kudu" General Garden Fertiliser.—The ingredients are in correct proportion for general garden work. About 8 ozs. per sq. yard is a suitable dressing in the vegetable garden. 25 lbs 4/6; 50 lbs 7/6; 100 lbs 12/6; 200 lbs 22/6; 2000 lbs £9 5s.

"Kudu" Grain Fertiliser.—100 lbs 10/-; 200 lbs 18/6; 2000 lbs £8 10s.

"Kudu" Maize Fertiliser.—100 lbs 10/-; 200 lbs 18/6; 2000 lbs £8 10s.

"Kudu" Potato Fertiliser.—100 lbs 11/-; 200 lbs 20/-; 2000 lbs £9 10s.

“Kudu” Snow White Phosphate.—This is a highly concentrated Bone Phosphate, containing over 37 per cent. phosphoric oxide in a very soluble form. It is specially valuable for feeding purposes and as a fertiliser it is particularly useful when it is desired to apply phosphates without any nitrogen as usually found in ordinary Bone Meal, and apart from all other considerations it is a very economical fertiliser. Per 25 lbs 5/-; 100 lbs 16/6; 200 lbs 30/-; 2000 lbs £13 10s.

“Kudu” Steamed Bone Flour.—Analysis: Citric acid soluble phosphoric oxide 25.0 per cent., total phosphoric oxide 30.0 per cent., nitrogen 1.2 per cent., Lime 35.5 per cent. This is a very valuable fertiliser for all purposes and especially for garden work. 25 lbs 3/6; 50 lbs 6/-; 100 lbs 11/-; 200 lbs 20/-; 2000 lbs £8 8s.

Nitrate of Soda.—Supplies nitrogen in a very soluble form. It may be dissolved and applied in liquid form to pot plants or in the garden. Or, it may be broadcasted just before a rain or before using the hose. It acts instantly if the plant is in full growth and thus able to take it up. 2½ lb cartons 1/6; 25 lbs 7/-; 50 lbs 12/6; 100 lbs 21/-.

Soil Inoculants.—“Farmogerm,” “Stimugerm” and similar cultures are now largely used as a starter for the soil bacteria that cause the production of nitrogen nodules on the roots of leguminous plants. A distinct culture is used for each crop or, more correctly, group of crops. When ordering, state the crop for which it is required. Price: ½-bushel size, 3/9 per bottle.

Sulphate of Ammonia.—With 20 per cent nitrogen this is more concentrated than Nitrate of Soda which has 16 per cent. It may be used for compounding special mixtures or it may be applied separately in powder form. Per lb 6d; 25 lbs 7/-; 50 lbs 12/6; 100 lbs 21/-.

Sulphate of Lime (Gypsum).—Beneficial principally as a liberator of Potash in the soil. 25 lbs 1/9; 50 lbs 2/9; 100 lbs 4/6; 200 lbs 7/6; 2000 lbs 62/6.

Sulphate of Potash.—Useful when bone meal is used instead of a complete fertiliser as it supplies the potash that is lacking in bone meal. It may also be used as an extra dressing for Potatoes, Tobacco and similar crops needing an ample supply of potash. Tomatoes and many other vegetables would probably be benefited by a light extra dressing of potash in this form. Per lb 6d; 25 lbs 7/-; 50 lbs 12/6; 100 lbs 20/-.

Superphosphate.—A very soluble phosphatic fertiliser and very largely used by grain farmers but for gardening we prefer Basic Slag and Snow White Phosphate because Superphosphates have a souring effect which is not desirable in the garden. Per 25 lbs 3/3; 100 lbs 9/-; 200 lbs 14/-; 2000 lbs £4 10s.

Whale Meat.—A valuable nitrogenous fertiliser for all crops, especially in the Vegetable Garden. Per 25 lbs 4/6; 100 lbs 15/-; 200 lbs 27/6; 2000 lbs £13 10s.

All the above Fertilisers can be supplied in larger quantities at much Reduced Prices which will be quoted on application. F5

Lawn Sand and Weed Killer.

“Capex” Weed Killer (Lawn Sand).—Destroys the soft, annual weeds of lawns, while it stimulates the growth of the permanent grass forming the lawn. Per 5 lbs 2/6; 25 lbs 8/-; 50 lbs 15/-; 100 lbs 27/6.

“Kudu” Lawn Sand.—This is our own preparation for the destruction of weeds in lawns. It has a burning effect on the soft weeds but is beneficial to the harder, permanent grass. Per 5 lbs 2/-; 25 lbs 6/6; 50 lbs 11/6; 100 lbs 21/-.

“Velvas” Lawn Sand.—Creates remarkable transformations in old and impoverished lawns and keeps good lawns in the finest possible condition. Per 14 lbs 6/6; 28 lbs 12/6; 56 lbs 20/-; 112 lbs 35/-. LS10

ERADIWEED.

The Guaranteed (1-100) Weed Killer.

A Clean Path always adds to the Appearance of the Garden.



Economy is one big feature since a pint tin of **Eradiweed** will destroy all weeds over an area of 50 square yards when diluted with water in the proportion of 100 to 1. **Care** should be exercised to a reasonable extent when applying the Weed Killer in view of its poisonous nature, and due respect paid to the possibilities of domestic animals coming into contact with and eating the treated vegetation. 25R10

Full directions for use accompany each package.

Pints 3/-; Quarts 4/3
 $\frac{1}{2}$ Gallons 7/6, 1 Gallon 14/-

POTTING SOIL.

	Per bushel	4 bushels
Specially mixed for Ferns	3/-	10/-
Specially mixed for Carnations	3/-	10/-
Specially mixed for Chrysanthemums	3/-	10/-
Specially mixed for General Purposes	3/-	10/-
Leaf Mould	3/-	10/-

Insecticides, Fungicides, etc.

Auto-Shreds.—For fumigating conservatories, green-houses, etc. Per packet, No. 3, for 1,000 cubic feet, 1/3.

Bentley's Compound Liquid Quassia Extract.—For controlling Aphis in its various forms. A safe and reliable remedy. Per pint 2/-.

“Capex” Ant Poison.—Per pint tin 2/6.

“Capex” Arsenate of Lead Powder.—The right spray for Caterpillar, Codling Moth, etc. The powder form is about double the strength of paste. Per lb 2/4; 5 lbs 8/-; 20 lbs 27/-.

“Capex” Bordeaux Mixture.—In powder form, 1/6 per lb; 8 lbs for 7/6; per case of 40 lbs 25/9.

“Capex” Mole and Vermin Fumigators.—Price 3d each, 2/- per doz.

"Capex" Nicotine.—Pints 3/9; per gal. 23/6.

"Capex" Resin Wash.—Per gal. 8/-; 5 gals. 31/6.

"Capex" Sulphur-Lime Solution.—An ideal winter spray for deciduous trees and a highly efficient sheep dip. Per pint 1/6; gallon 4/6; 5 gallons 16/6. Larger quantities, direct from the factory, quoted specially on application.

"Capex" Tobacco Dust.—Per lb 2/-; 9 lb drum 12/6.

Carbonate of Copper.—A fungicide in powder form for mixing with seed grain before sowing to prevent smut in wheat and other cereals. It may be used dry and 2 ounces will treat a bushel of seed. Per lb 2/-; 25 lbs 40/-; 100 lbs 150/-.

"Carmona" Spray.—A Summer spray, insecticide and fungicide. Dilution 100 to 1, directions on every tin. Pints 2/-; quarts 3/6; $\frac{1}{2}$ -gallon 6/6; 1 gallon 10/6; 5 gallons 47/6.

Clift's Fluid.—The most scientific and effective preparation for the destruction of wireworms, slugs, grubs and all soil pests. It can be used at any time but is more especially for application during the growing season. The usual dilution is 1 part to 150 parts of water. Full directions accompany each container. Pints 2/3; quarts 3/6; $\frac{1}{2}$ -gal. 5/9; gal. 9/9; 5 gals 46/6.

Gishurst's Compound.—An old and reliable insecticide, recommended for Scale, Mealie Bug, Red Spider, Thrip, and Green and Black Fly (Aphis). For growing plants use 1 to 2 ozs. dissolved in a gallon of water. For dormant trees use 4 ozs. to a gallon. Price: 2/- per 14 oz. cake.

"Harbas."—For scale eradication. Pints 2/3; gal. 8/6; 5 gals. 32/6.

Katakilla.—A powder insecticide wash for Aphis of various kinds. It is harmless to the plant and non-poisonous, therefore most useful in the vegetable garden. Per 10 gallon pkt., 2/-; 50 gallon pkt., 5/-.

"Komo" Fly Liquid.—Nominal pints 4/6; nominal quarts 8/6.

Kudu-Formal.—For washing seed grain to prevent smut. Per 1 lb bottle, packed for post, 3/- (postage 2/-). Per 1 gal. tin 13/6; $\frac{1}{2}$ gal 7/6; 1 gal. jar 20/-; $\frac{1}{2}$ gal. jar 12/6.

McDougall's Arboretas (Winter Wash).—For use only when trees are dormant. This wash is unrivalled for cleansing fruit trees from moss and lichen, destroying fungoid spores, woolly aphid and hibernating insects and it effectively checks the ravages of canker. It is also claimed to be a certain cure for Fusicladium. Per pint 2/9; gallon 12/6; 5 gallons 57/6.

McDougall's No. 2 Fruit Tree Wash (Nicotine-Soap).—Summer spray, very effective against Black Peach Aphis and similar pests, also used for Woolly Aphis and Australian Bug. Pint tins 2/9; per gallon 14/6.

"Ostico."—For tree banding. Per $\frac{1}{2}$ lb 2/-; 10 lbs 31/6.

Soft Soap.—For making soap emulsion. Per lb tin 1/6; 2 lb tin 2/-.

Sulphur.—Ground rock sulphur for vines, also very useful remedy for mildew in roses. Per lb 6d; 12 lbs 3/6; 100 lbs 20/-. Large quantities quoted specially for delivery direct from the factory, 18/6 per 100 lbs.

"Volck."—According to the makers this should prove a very effective spray for general use in the nursery, greenhouse or garden. It can be applied when the plants are in active growth. Pints 3/6; quarts 5/3; gal. 14/-.

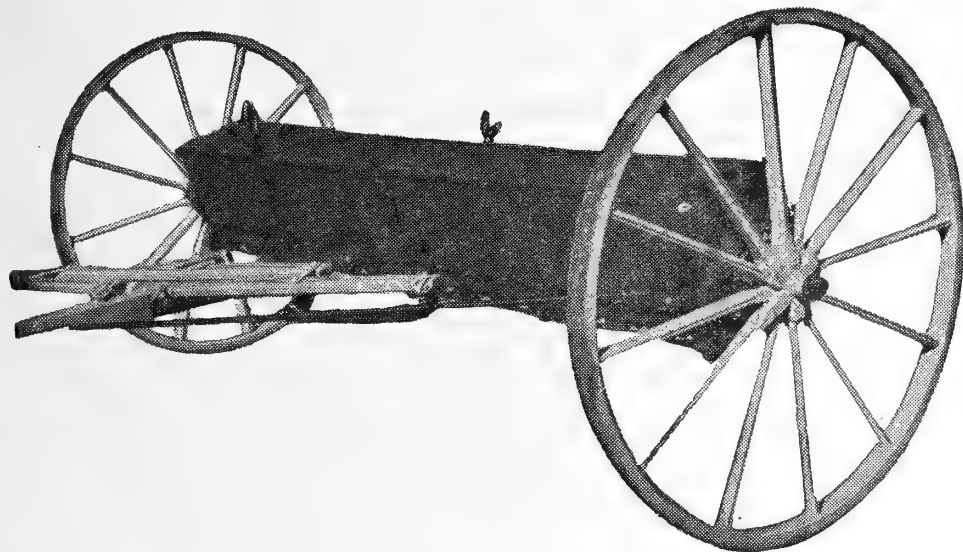
Implements.

The "Kudu" Manure Distributor.

Regular Distribution
Adjustable Manure Box
for Hilly Land
Ball Bearings
Steel Gear Wheels

Patent
Force Feed
Star Wheel
Delivery

Manure Outflow
near Ground
Galvanized Steel Bottom
Brass Bushes
Light Draught



Covering width, 9 feet.

Fitted with Steel Wheels.

The "Kudu" is the outcome of more than 30 years' experience in the manufacture of Manure Distributors, and, for mechanical simplicity stands in the front rank.

The "Kudu" will evenly distribute all classes of Artificial Manure, such as: **Basic Slag, Superphosphates, Government Guano, Ground Lime, Raw Phosphates, Dissolved Bones, Nitrates, Sulphate of Ammonia and Potash**, as well as Mixtures; and, as may be desired, light and heavy dressings may be given.



Bearing fitted with Brass Bush.



Star Wheel removed from Bearing.

The distribution is simplicity itself, and is accomplished by a series of Star Wheels revolving at the bottom of the Manure Box.

The bottom of the Manure Box is made with Galvanized Steel, and each of the Bearings for the Star Wheels is fitted with a Brass Bush, so that at the end of the season, if desired, the Star Wheels may be removed from their Bearings, allowing the machine to be thoroughly cleaned and oiled, thus adding greatly to its durability.

The "Kudu" Manure Distributor—continued.

The Driving or Motion Shaft is fitted at the ends with Ball Bearing Thrust Blocks, thus ensuring a smooth and steady outflow of the Fertilizers and at the same time resulting in lightness of Draught.

The Lever in rear of Machine is for regulating the Manure Outlet, and should be adjusted so as to allow the material being sown to pass out freely.

The Lever in front of the Box regulates the quantity to be sown, and when working upon hilly land it enables the machine to be adjusted so that it will work as satisfactorily as when working on the flat, a feature of great importance.



Inside view of Manure Box, shewing Wheels at Bottom.

The Manure Outlet is low and near the ground, a valuable feature when the work is being carried out on windy days.

Owing to the variation in the density of Manures, the only certain means of ascertaining the quantity sown per acre is to note the weight of quantity put into the box before starting, then by measuring the ground covered when the box is empty.



Star Wheel Pinion.



Ball Bearing Thrust Block.



Simple Gear.

In addition to Manure Distribution, the "Kudu" can be used for broadcasting seed grain such as Wheat, Oats, Barley, Rye, etc., and should prove a great labour-saver on this work, while the distribution can be effected with much greater regularity than is possible with the usual hand broadcasting and the feed can be regulated to a nicety.

Weight approximately 650 lbs.

Price { To sow 9ft. wide, fitted with Steel Wheels, and Lever to
adjust Machine for work on hilly land } £30 0 0

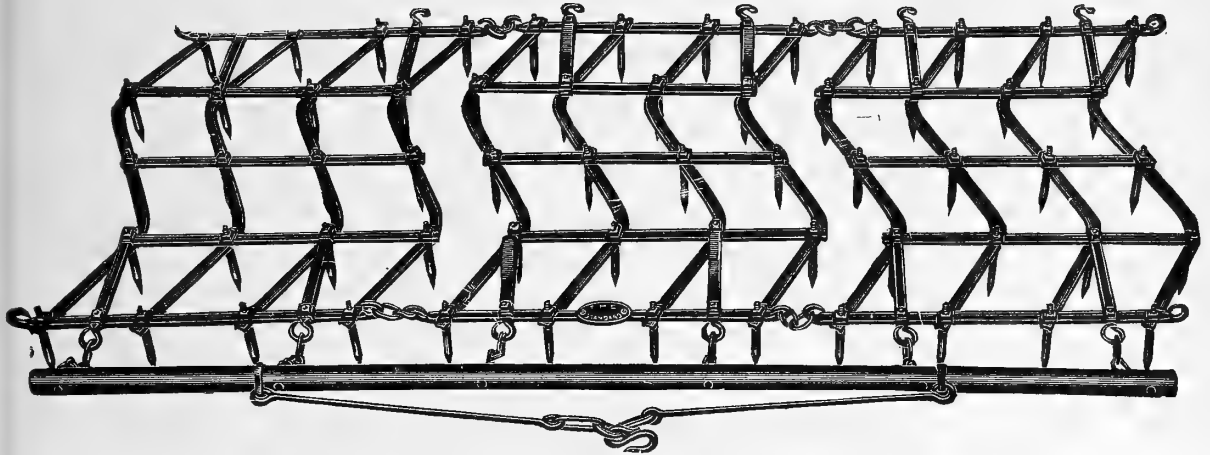
Less 5 per cent. Dis. for Cash.

K7½

Hundreds of these Distributors now in use.

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

ALL STEEL "STANDARD" ZIG-ZAG HARROWS.



ZH10

Prices :

No. 81, 3 section, 4 beam, 9ft. 6in., 60 teeth, approx. 180 lbs. £4 10 0
 No. 81a, 3 section, 4 beam, 9ft. 6in., 60 teeth, approx. 160 lbs. £4 2 6

No. 16.—Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plough.



We offer these Single Wheel Hoes as the highest type of their class. They have an assortment of tools which adapts the implement to a large variety of work, and there is scarcely any garden culture of which they are not capable.

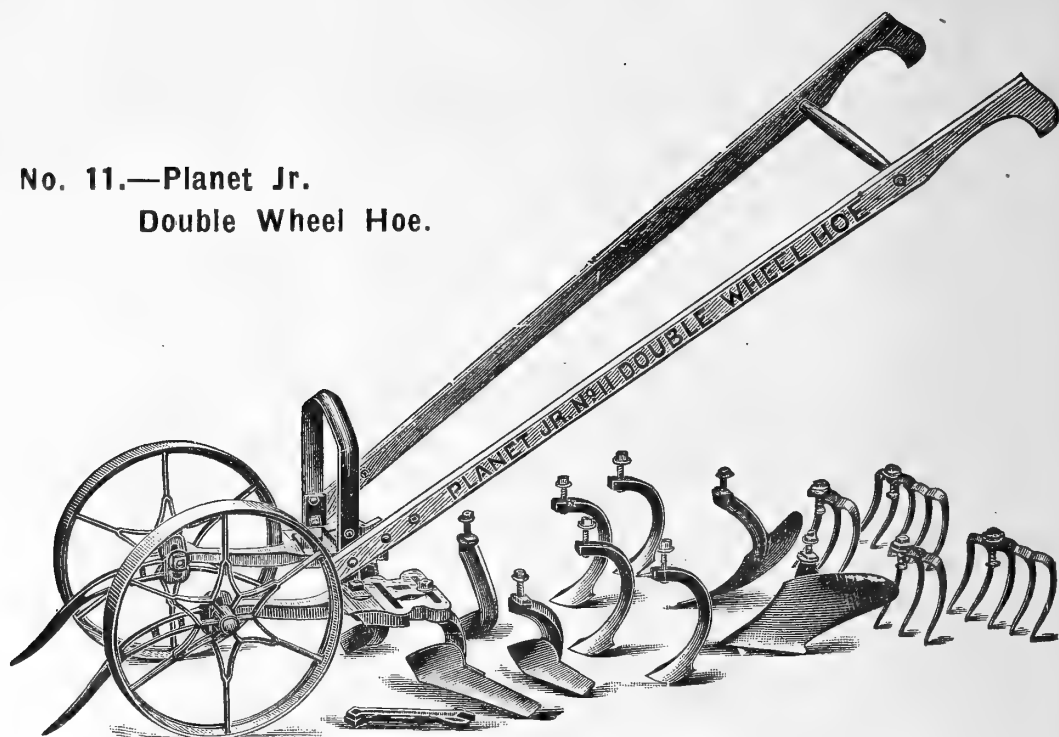
Nos. 16, 17, 17½ and 18 wheels and frames are alike, but the tools sold with each vary. Thus the No. 17 is not supplied with rakes, the No. 17½ has neither rakes nor plough; whilst the No. 18 has only two hoes and no other tools.

25L10

Prices:

				Packed Weight
No. 16	...	...	45/-	29 lbs
No. 17	...	...	37/6	26 lbs
No. 17½	...	...	33/6	22 lbs
No. 18	...	...	31/6	20 lbs

No. 11.—Planet Jr.
Double Wheel Hoe.

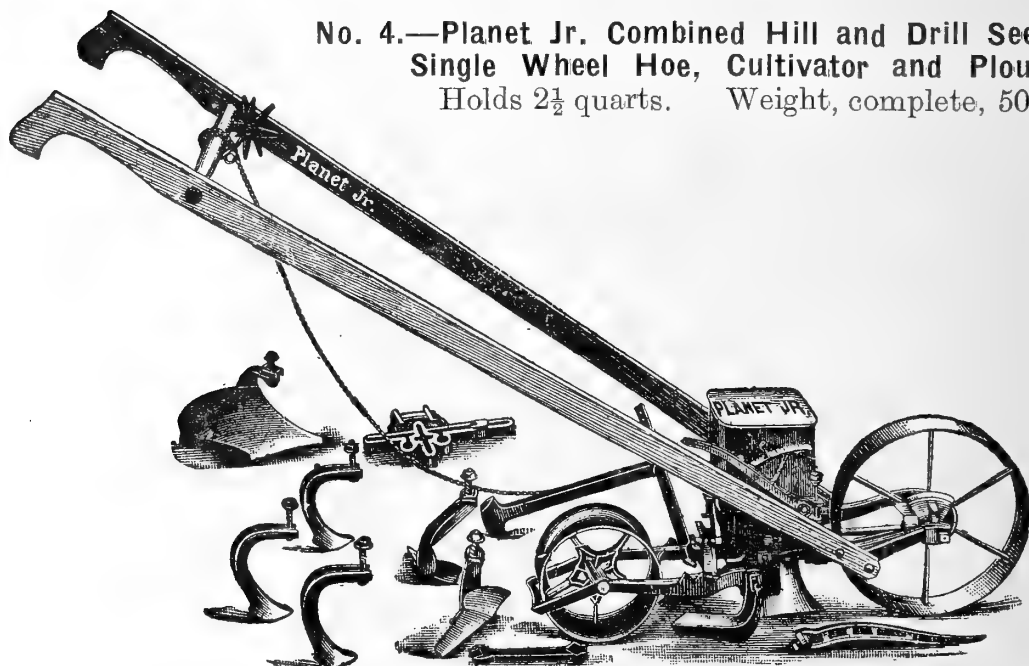


Nos. 11, 12 and 13 wheels and frames are alike, but the tools supplied with each vary. No. 11 has the attachments shown in the illustration. No. 12 has no rakes and one pair hoes only, otherwise as illustrated. No. 13 has 1 pair hoes and no other tools.

25L10

Prices:				Packed Weight
No. 11	...	...	65/-	37 lbs
No. 12	...	...	52/6	32 lbs
No. 13	...	...	39/6	28 lbs

No. 4.—Planet Jr. Combined Hill and Drill Seeder,
Single Wheel Hoe, Cultivator and Plough.
Holds $2\frac{1}{2}$ quarts. Weight, complete, 50 lbs.



An accurate hill-dropping seeder. A continuous row seeder. 25L10
An admirable single-wheel hoe. A splendid single-wheel cultivator.
An excellent furrower. A rapid and efficient wheel garden plough.
Price: as illustrated ... £4 2 6



PARKES' CAPE SPADES.

"Diamond Steel"
No. 355
Price 6/9 each.

PS10

"Argyle & Co." Quality
No. 355a
Price 6/- each.



THE "HANDY" SPADE

Best Cast Steel
Size 3, 8 $\frac{1}{4}$ in. x 12 $\frac{1}{2}$ in.
Turnover Treads
Price 3/6 each.

BS20

THE "HANDY" LADIES' SPADE

Same quality.
Lighter Patern.
Size 0, 6 $\frac{3}{4}$ in. x 11in.
Price 3/- each.



SKELTON'S CAPE FORKS.

Best Cast Steel.
No. 3. 5-prong 9in. x 13 $\frac{1}{2}$ in. 7/- each.

SF10



SKELTON'S CAPE FORKS.

Best Cast Steel.
No. 2. 4-prong 8in. x 13in. 5/9 each.

SF10

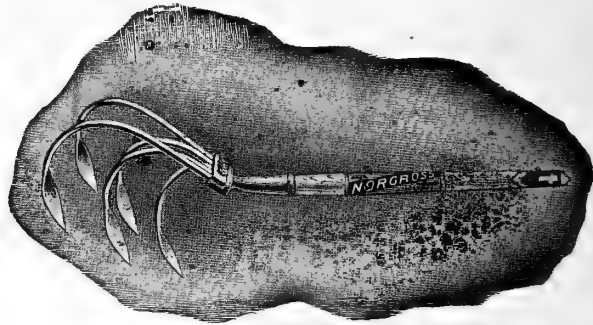


THE "HANDY" LADIES' FORK.

4-prong 5 $\frac{3}{4}$ in. x 9in. 4/3 each.

LF20

"NORCROSS" HAND GARDEN CULTIVATORS.



No. 55 Hand Cultivator.

Five Detachable Spring Steel Prongs with forged Shovels—attached to Malleable Head with (4) standard $\frac{1}{4}$ in. bolts.

Malleable Ferrule (with handle) can be disconnected, and by use of **Norcross** Universal Connection (supplied extra when desired), the Cultivator-head can be attached to standard makes of wheel

plows. (An exclusive **Norcross** feature—patented).
Handle, finest quality, 4 feet long, waxed and belted finish, richly labelled.

Metal Parts Black, with Silver bronzed shovels.

Price 5/3 each.

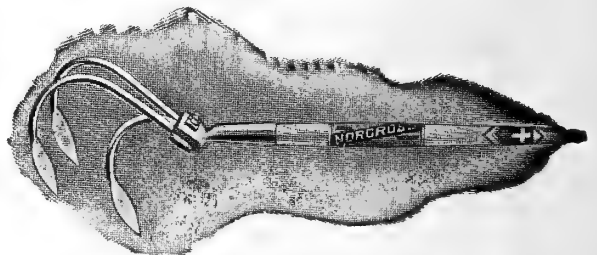
Spare Prongs 9d each.

No. 33 Hand Cultivator.

A modification of the 5-prong, in size, weight and price with same quality and finish.

Has 4ft. high grade handle, 3 Detachable Steel Prongs, and weighs only 2 lbs.

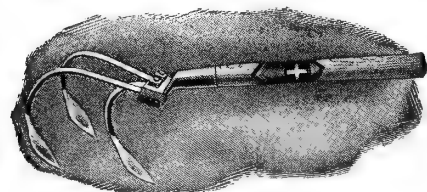
Cultivates between very narrow rows, is light enough for women who garden, and costs no more than the common hoe. Price, 4/- each. Spare prongs 9d each.



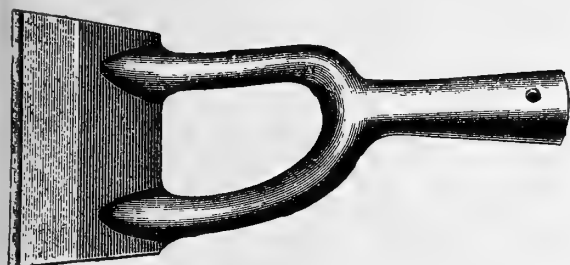
No. 11 Midget Weeder.

Same Construction, Quality and Finish as the 3-prong Cultivator-Hoe, but smaller, has 9in. handle.

Designed for cultivating Gardens, Flowers, Small Shrubbery, etc., where close hand work is required. It is supplied at a low price and outclasses all other cheap



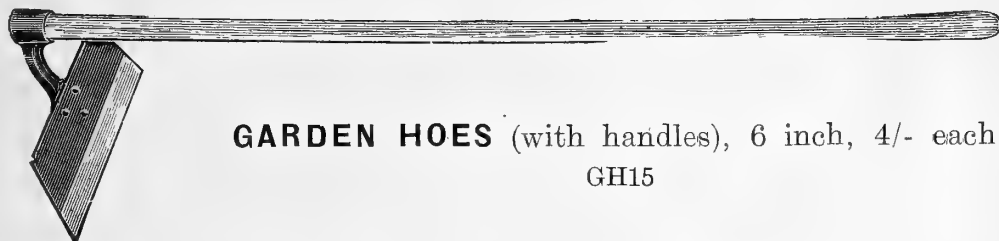
malleable weeders. Its weight is only 12 ounces. Price, 2/6 each.
Spare prongs 6d each.



DUTCH HOE.

No. 75. Stamped, one piece. Swan neck, long socket. Half blue and bright. DH20

Price: Width 6in. 7in.
Without handle, post free 1/3 1/6
With 5ft. handle,
by rail only 2/- 2/3



GARDEN HOES (with handles), 6 inch, 4/- each.
GH15

WEEDING FORK.



F25. Solid Steel,
Self Colour and Red,
1/6 ea., postage 6d.

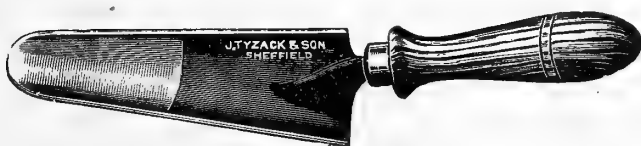
GARDEN TROWELS.



F6—6in. 1/- each. Postage 4d.



F8—6in. 1/3 each. Postage 4d.

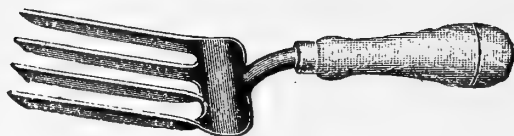


F088—6in. 1/- each. Postage 4d.
GH20

WEEDING FORK.



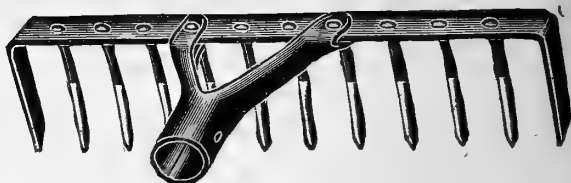
F27. Solid Steel, Self Colour and Red, 1/9 each, postage 6d.
WF20

**WEEDING FORKS.**

No. 122. Half blue and bright.
Hardened steel. Polished handle.
Stamped tang. Twisted prongs.

WF20

Price: 1/- each, postage 4d.

**GARDEN RAKE No. 4199.**

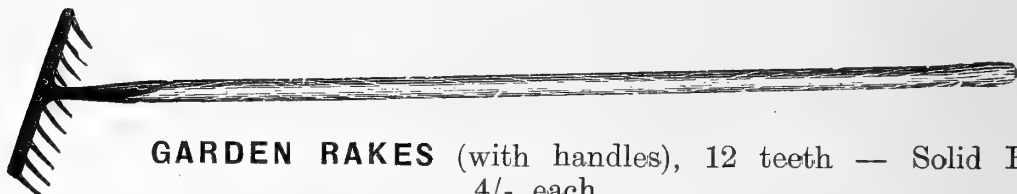
This splendid rake is strongly made and thoroughly reliable. It is a well finished article and the only thing about it that is cheap is the price. GR20

13in. 12-teeth 2/6 each

8½in. 8-teeth 2/- each

Complete with 5-foot handles.

Spare handles 1/3 each.



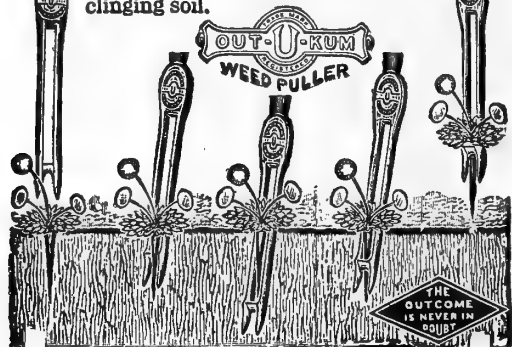
GARDEN RAKES (with handles), 12 teeth — Solid Ends,
4/- each. GR15

THE "OUT-U-KUM" WEED PULLER

An Entirely New Principle

A slight Push and Pull thoroughly loosens the surrounding soil and removes not only the weed, but the entire root.

When pushed into the ground, the two points guide the BRIDGE down alongside the weed, loosening the soil from that side. It then crosses under the root disengaging the latter. As the tool is withdrawn the BRIDGE slips up the opposite side of the weed, loosening the ground from that side and engages the head of the weed above the ground. The now thoroughly loosened weed is readily withdrawn in its entirety with little or no clinging soil.



Price 4/- each.



The Empire Garden Rake and Cultivator.

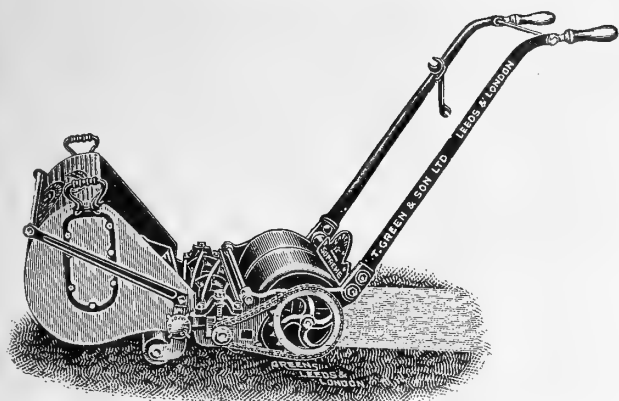
The Empire Garden Cultivator with its oblique teeth and specially turned prongs is an entirely new creation in Cultivators.

Push it from you or pull it towards you and it turns the soil in two directions. A double action that quickly breaks up the clods and puts the ground in excellent condition for seeding and planting

Price, with handle, 4/3 each

EC15

GREEN'S "SUPREME" LAWN MOWER.



The "Supreme" Mowers are Green's latest Model and a great improvement on the older types. They are fitted with Ball Bearings, have rounded edge drums and many other refinements, including Single Screw Adjustment on the bearings of the Cutting Cylinder and a new arrangement to alter quickly the length of cut. They are

very light running, practically noiseless, and give a fine even surface.

Prices: 10 inch cut £9 5s. 12 inch cut £10 15s. 14 inch cut (close cutting for Bowling Greens) £13 10s.

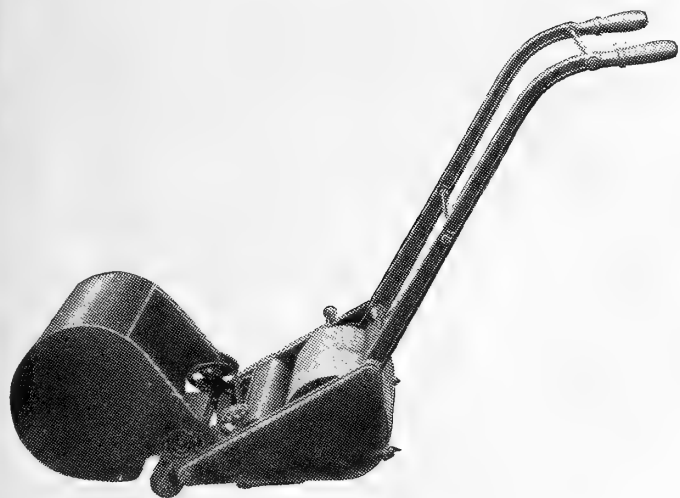
All less 5 per cent. discount for Cash with Order.

SM5

Spare Parts Stocked.

THE "AMANCO" MOWER.

The "Latest" in Lawn Mowers.



There is no question of pushing a clattering bunch of noise about. All you have to do is to walk over the lawn with the "Amanco" in front of you. You can adjust the thickness of the cut and you can arrange for the grass to be thrown into the grass-box or under the rear roller in two ticks, without tools. And it is quieter than an electric fan—the whole thing runs on ball bearings which anyone can adjust, and it

oils itself. It's the same throughout—you can adjust anything, easily.

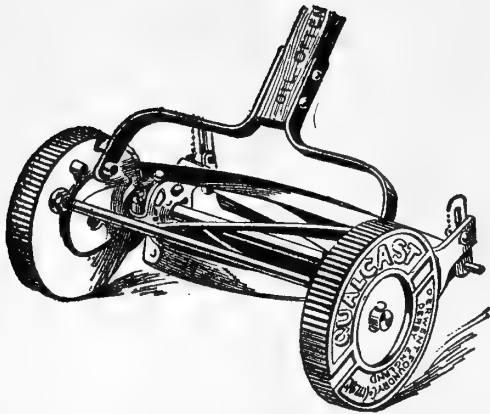
And when you have finished mowing you've finished the lawn. The "Amanco" rolls the lawn at the same time, and as you can cut right up to the edge you have finished that back-breaking job with the shears for ever.

AM7½

Price: £9 15s.—12 inch cut.

Less 5 per cent. for Cash With Order.

Sow Starke's Kudulawn Mixture.—Per lb 2/-; 25 lbs 42/6; 100 lbs 150/-.



The
“QUALCAST”
 Lawn Mower

Cuts 12 in. wide.

Price: £2 12s. 6d.

With Ball Bearings 10/- extra.

Grass Box 15/- extra.

SPARE PARTS STOCKED.

QM10



“QUALCAST MAJOR.”

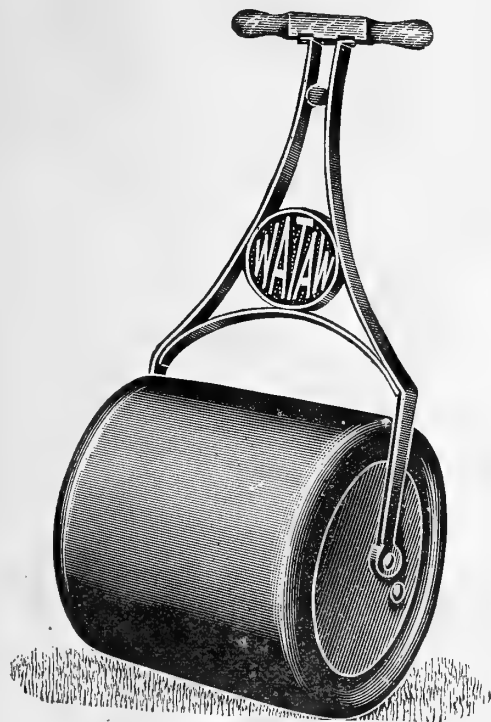


This machine is undoubtedly the premier of its class. It is made in one size only, 12 in., and is fitted with an all-metal grass box. It will cut a bowling green with ease, and runs so lightly that one man can use it, hence there is no provision for a towing rope.

SPECIFICATION: Laminated steel chain drive on to malleable iron sprockets. Cutting cylinder 5 in. diam. fitted with eight blades of best Sheffield steel on three malleable iron spiders. Bottom blade of lip edge section. Split bronze cylinder bearings. Height of cut regulated by hand wheel adjustment—no spanner needed for this. QM7½

Price: £9. Including Grass Box.

**GARDEN ROLLER.
THE "WATAW"**

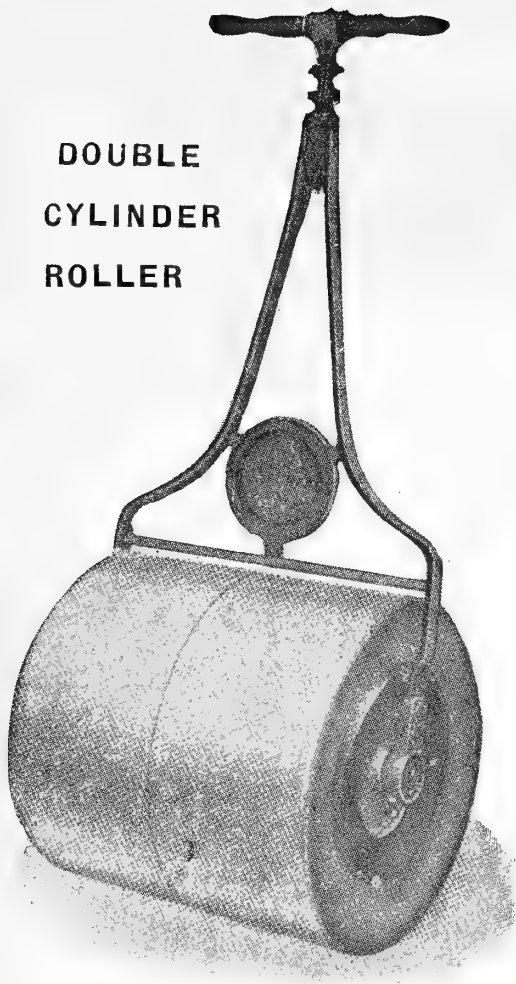


Adjustable with Water or
Sand Ballast up to about
200 lbs.

Size 16in. x 16in. GR10

Price 63/-

**DOUBLE
CYLINDER
ROLLER**



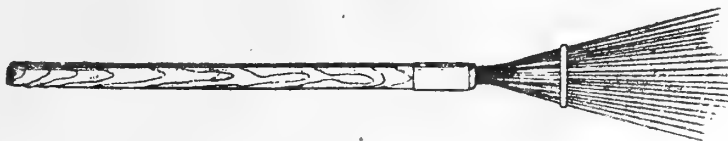
24in. x 24in. 588 lbs.

Price: £10 10s.

WIRE BROOM (Patent).

The very thing for sweeping leaves off the lawn and garden paths.

Everlasting wear, made of the best spring steel wire. Especially useful for yards, gardens, stables, etc. For all purposes where hard or rough work is required.



Price: No. 1, 2/6 each.

No. 2 size, 3/6.

WB5

AUSTIN TRACTORS.

We hold the **LARGEST STOCK IN SOUTH AFRICA** of Spare Parts for these popular Farm Tractors. Write or wire us when you are in trouble—perhaps we can help you.

FOR BEST RESULTS SOW STARKE'S TESTED SEEDS.



The "Apache" Mill will grind successfully all dry grains such as mealies, wheat, rice, coffee, etc. It grinds rapidly, and may be adjusted to turn out a fine or coarse sample. The Grinding Plates may be taken out, for cleaning or replacing, without difficulty, and the Handle is adjustable for shorter or longer leverage. The Fly Wheel is so constructed as to give the maximum of momentum with the minimum of weight.

The "Apache" Mill will save its cost in a very short time on any farm, or in any household where grain is ground. AP20

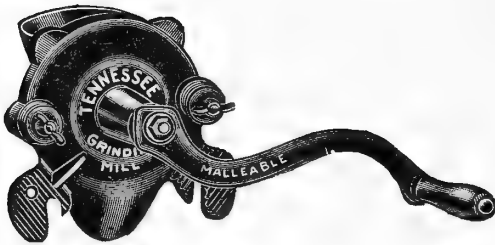
Weight, 31 lbs.

Price, 40/-

Spare Grinding Plates, 5/- pair. Main Spindle 5/-.

Hopper Frames, 5/- ea.

"Tennessee" Grinding Mill.



The "Tennessee" is a small but exceedingly useful Grinder. It can be adjusted so as to produce either coarse or fine meal, and can be readily fixed in almost any position by means of clamps.

Weight, 12 lbs.

Price 16/6.

Spare Grinding Plates, 5/- pair.

AP20

"Black Hawk" Mealie Shellers.

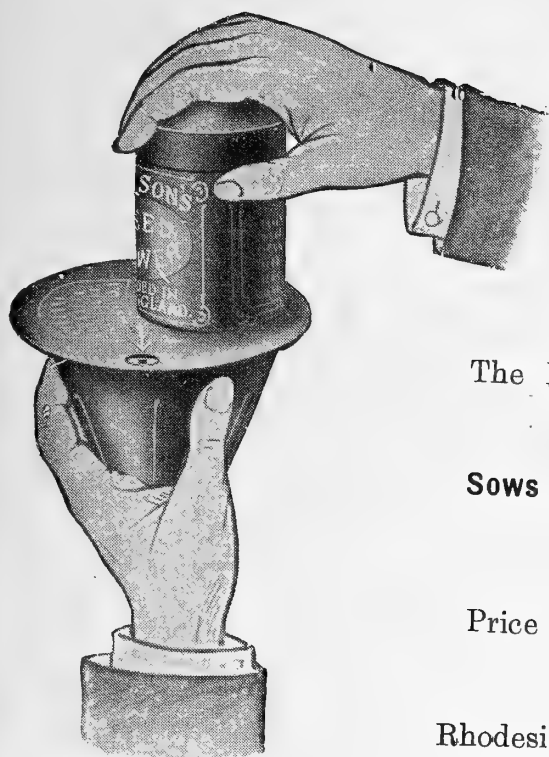
The "Black Hawk" is a low-priced machine which lasts and does its work well. It is all a farmer requires for shelling mealies for home use. Its bearings are long and thoroughly chilled, and it is largely made up of malleable iron parts, rendering breakages unlikely. The machine is simple and easily adjusted, and its construction is such that it cannot choke or clog.

Weight, 15 lbs.

Price, 17/6.

AP20





A Gardening
Necessity.

THE "KUDULITE" SEED SOWER

(Patent No. 5326)

The Handiest Tool in a Gardener's
Outfit.

Sows Seed Regularly

Saves Thinning Out.

Price 2/6 post free in the Union of
South Africa.

Rhodesia postage extra. Weight 3 ozs.

KS25

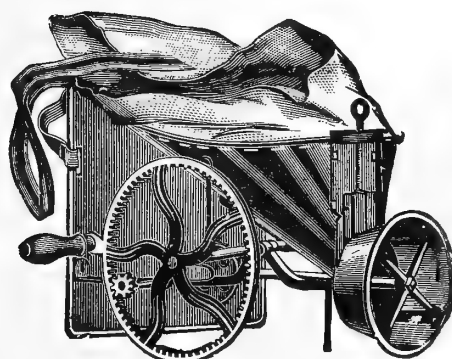


The Cyclone Seeder

For Cereals and small seeds

15/- each

SS10

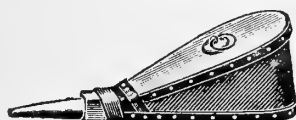


Cahoon Broadcast Seeder

For sowing Cereals, Lucerne,
Rape and similar seeds

22/6 each

SS10



POWDER BLOWERS for INSECTICIDES.

No. 250a. "Midget," 7½in. x 2½in., 1/3 each, postage 6d.

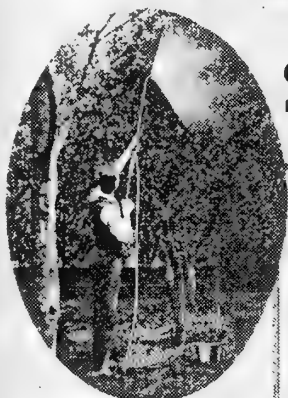
No. 251. Stronger type, brass spout, 10in. x 4in., 3/- ea., postage 6d.

PB20

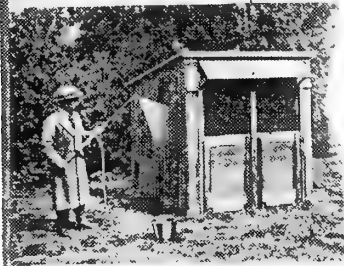
ALWAYS SOW STARKE'S TESTED SEEDS.

The "MYSTO GEM"

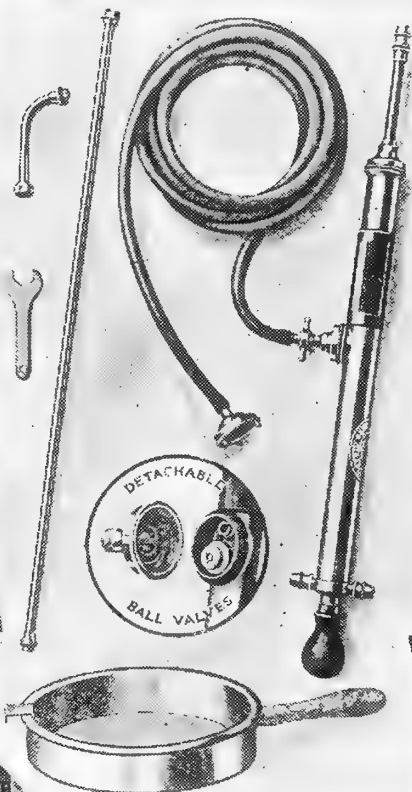
ALL PURPOSE SPRAYING OUTFIT



SPRAYING FRUIT TREES

SPRAYING EGGS TO
SOFTEN MEMBRANESPRAYING STOCK AGAINST
FOOT & MOUTH DISEASE

SPRAYING CREOSOTE ON PENS



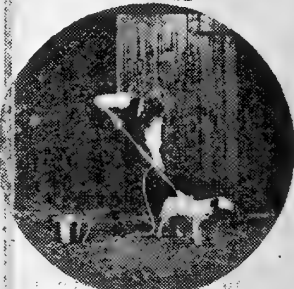
OUTFIT COMPRISES.—All Brass double action spray pump, polished and lacquered. Ten foot of Hose and

Strainer connected to pump by cap and lining. One Limewashing and one Spraying Nozzle, also Plain Jet Two foot polished and lacquered brass Lance. Swivel Connection Angle Bend. All Metal Strainer and Spanner. —

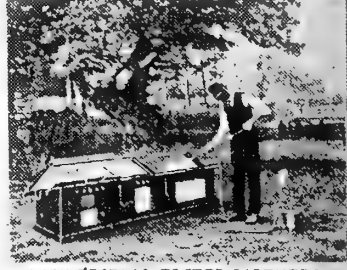
35/- complete as illustrated.

DIRECTIONS FOR USE.—All liquids should be put through strainer before being used. Work plunger rod until spraying commences, and then continue pumping slowly. About a dozen strokes are necessary to draw the air out of the hose into the air chamber before a continuous spray is obtainable.

There are only two valves in the sprayer, both easily detachable for cleaning.

DESTROYING GREEN FLY
ON ROSE TREESDISINFECTING DOGS AND
OTHER ANIMALS

LIMEWASHING FARM BUILDINGS



DISINFECTING FOSTER MOTHERS

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

THE "FOUR OAKS" KNAPSACK SPRAYER No. 101.

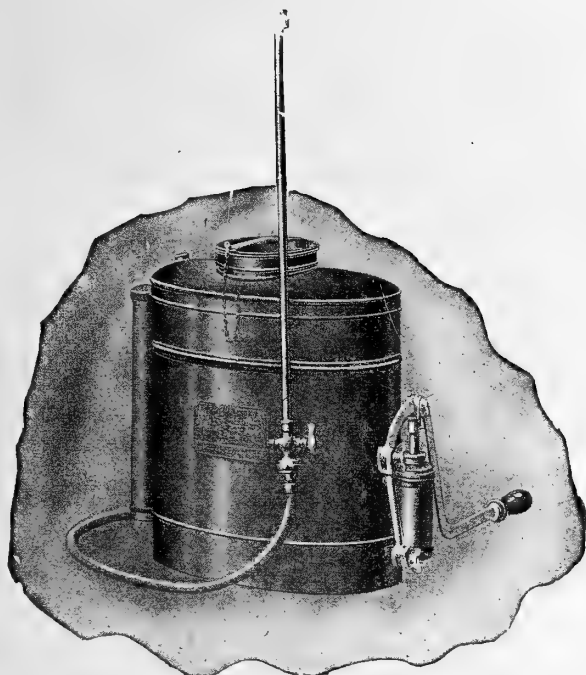
Weight 14 lbs.

Capacity about $3\frac{1}{4}$ gallons.

The Simplest and yet the Best Knapsack Sprayer ever produced.

A Child can work it.

The only Machine with Force behind the Spray.



The Container is made entirely of Copper, and the Pump of Brass.

Unlike other Machines, there are absolutely no parts to get out of order, and consequently the "Four Oaks" Knapsack will last 10 times as long as any other.

There are no Rubber Valves in the "Four Oaks" to perish, and all working parts are outside and easy to get at.

Either a very fine, medium, or coarse spray can be obtained, and thick fluids such as Bordeaux Mixture are effectively discharged.

A most important feature of this Machine is the agitating or mixing of the fluids. With every stroke of the Pump, a powerful jet is forced from the bottom of the Container, so that all mixtures are evenly distributed.

Price, complete with Single "Four Oaks" Patent Spraying Nozzle, also Single Swivel Spraying Nozzle and Short Brass Tube, with Stopcock, together with 3 feet length of India Rubber tube, as illustrated. KS10

Price: £6.

Spare Parts for "Four Oaks" Knapsack Sprayer.

Brass Spraying Arm and Tap	...	...	...	12/- each.
3 ft. Rubber Tube with Unions	...	...	...	6/6 each.
Strainer	...	...	...	5/- each.
Spanner	...	...	...	2/6 each.
Pump Plunger with Piston Rod and Fittings	...	...	...	10/- each.
Brass Cap for Cup Leather	...	...	...	1/- each.
Leather Washers	...	...	...	1/- per set.
Double Swivel Nozzle	...	...	...	15/- each.
Spraying Tip for Nozzle (fine, medium and coarse)	...	...	...	1/- each.
Blank Cap for Nozzle	...	...	...	1/- each.

KS10

THE MULTIPLE BOTTLE SPRAYER.

(Fits an ordinary bottle).

Essential in Every Home

The Multiple Bottle Sprayer provides the means of establishing a splendid system of sanitation throughout the house.

The construction of the Sprayer is of our usual standard, the very best only of materials and labour being employed. It is of heavy nickel-plated finish, and the working of the Sprayer is undoubtedly a considerable improvement on the original German type, since the pump is double acting, the spray being continuous on both upward and downward strokes. 25R15

Among its many uses can be numbered:

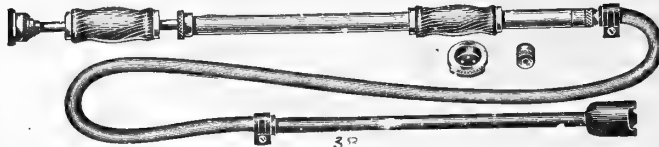
Disinfecting in Houses or Dance Rooms, etc.

Perfume Spraying.

Insecticide Spraying.

Floral Watering, etc., etc.,

Price: 3/9 each. Postage 4d.

**"LADYWOOD" SPRAY PUMP.**

This double-action Pump gives continuous spray and will throw a solid stream of water thirty to forty feet.

It is the ideal all-purpose Hand Sprayer, its field of utility being practically unlimited.

Most useful for spraying trees, vines, potatoes, and any ground crops; also for whitewashing and disinfecting purposes.

The Pump is made of brass with solid brass ball valves, complete with 3½ feet of suction hose and heavy iron strainer that keeps the hose from working out of bucket or container. Three nozzles supplied with which the operator is able to get any variety of spray necessary.

Price with 15 inch extension lance—22/6 each.

LP10

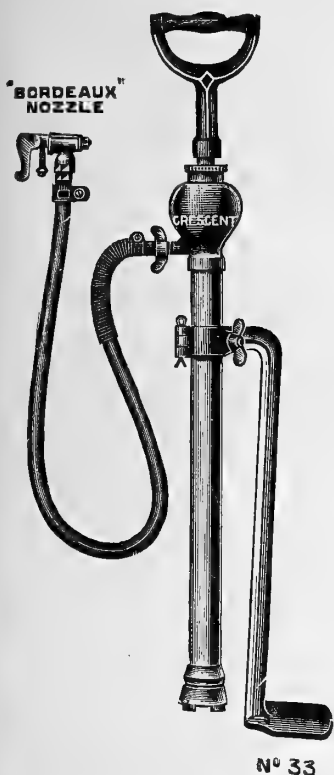
Spare Cup Leather for Plungers 6d each.

Spare Nozzles (3) 7/6 per set.

Spare Extension Lances with curved tips, 3/- each.

Balls for Valves 6d each.

Rubber Tubes 7/6 each. Inside Tubes 4/9 each.



No 33

"CRESCENT" SPRAY PUMP.

We have no hesitation in stating that the
Improved "Crescent" Pump
is the best on the market for destroying Locusts
and for spraying Vines, Fruit Trees, etc.

Every Pump Tested and Guaranteed.

Pumps are double-acting giving continuous spray,
are made of brass with solid brass ball valves,
suction or strainer is detachable, and hose is con-
nected on to pump with cap and lining, the latter
being held in hose by hose clip. CP10

Price 25/- each.

Spare Bordeaux Nozzles 6/6 each.

The
"IRON ARM"
No. 1
BUCKET SPRAYER
Makes Spraying Easy.

Fitted with Patent

"SPRAYS EVERYWAY"

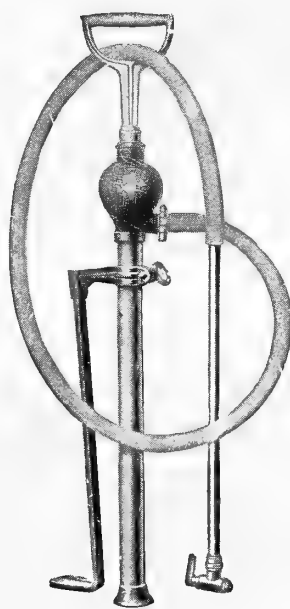
NOZZLE

Price 30/- complete.

IA10

Spare Tubes and fittings, 12/6 each.

Tubes without fittings, 4/- each.



BRASS GARDEN SYRINGE.



98

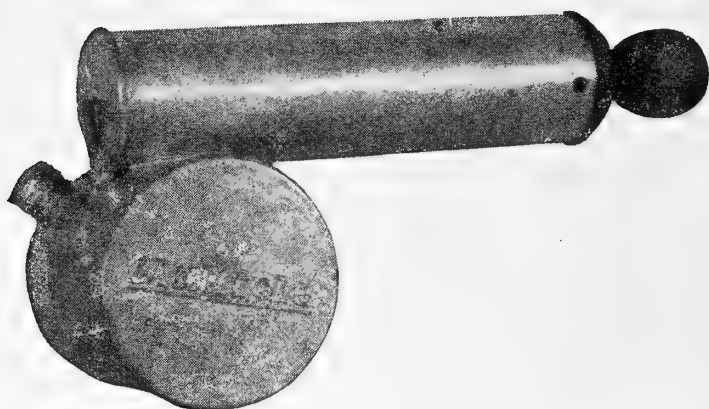
No. 98/2. 1½in. x 16in. Fine and Coarse Rose and Jet.

Price 7/6 each. Postage 1/-.

GS25

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

THE "MULTIPLE" ATOMISER.



The biggest value in any Sprayer of this type.

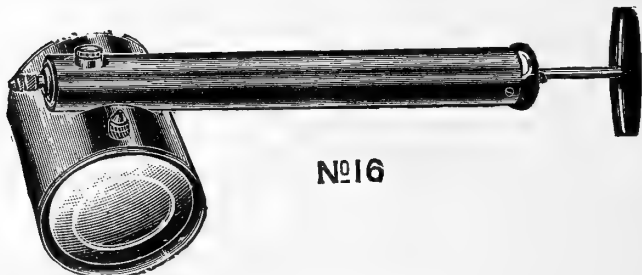
Splendid for spraying Fly Killer or for any similar household use Large container. Very effective.

Price 2/9 each.

Postage 1/-.

R10

CONTINUOUS SPRAY ATOMISER.



No 16

Capacity $1\frac{1}{2}$ Pints.

This atomiser makes a continuous spray from the down stroke of plunger. Container is not detachable; separate cap being provided for filling purposes, also cap for taking out ball valve for cleansing purposes.

Two spray nozzles are provided. One for straight spraying, and the other for angle spraying to get underneath the leaves, etc.

Tinplate pump, brass lacquered, with polished and lacquered brass container, 8/6 each. Postage 1/-.

CA20

MULTIPLE MIDGET SYRINGE.

A.G. $14\frac{3}{4}$.



"Multiple Midget" is a dependable, cheap and efficient spraying machine. It is made from good quality brass, and has a reliable leather plunger. It produces a very fine mist. The barrel is 14 in. long by $\frac{3}{4}$ in. diameter. Price 5/- with bend as illustrated; straight 4/6. Also $\frac{7}{8}$ in. diameter, with bend, 6/-. Postage 6d and 1/-.

25R15

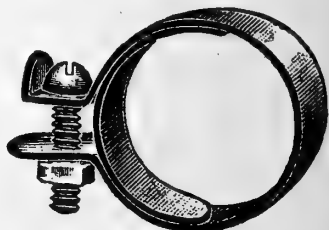
FLEXIBLE BRASS HOSE CLIP. No. 613.

For securing Fittings in Hose.

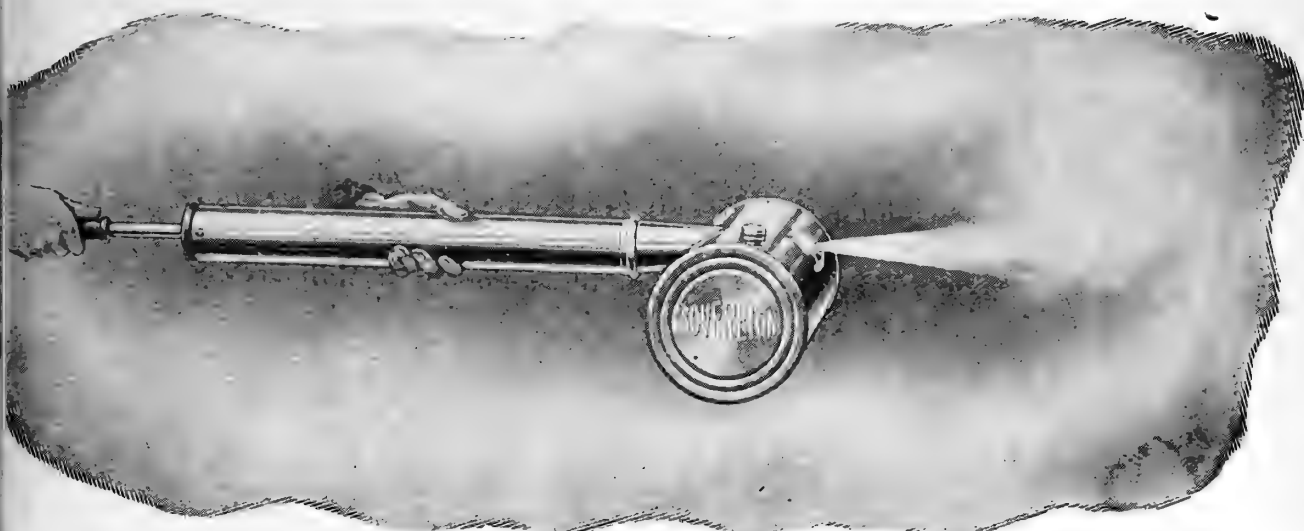
$\frac{1}{2}$ -in. 4d ea. $\frac{3}{4}$ -in. 5d ea. Large $\frac{7}{8}$ -in. 6d ea.

Postage 2d.

HC25



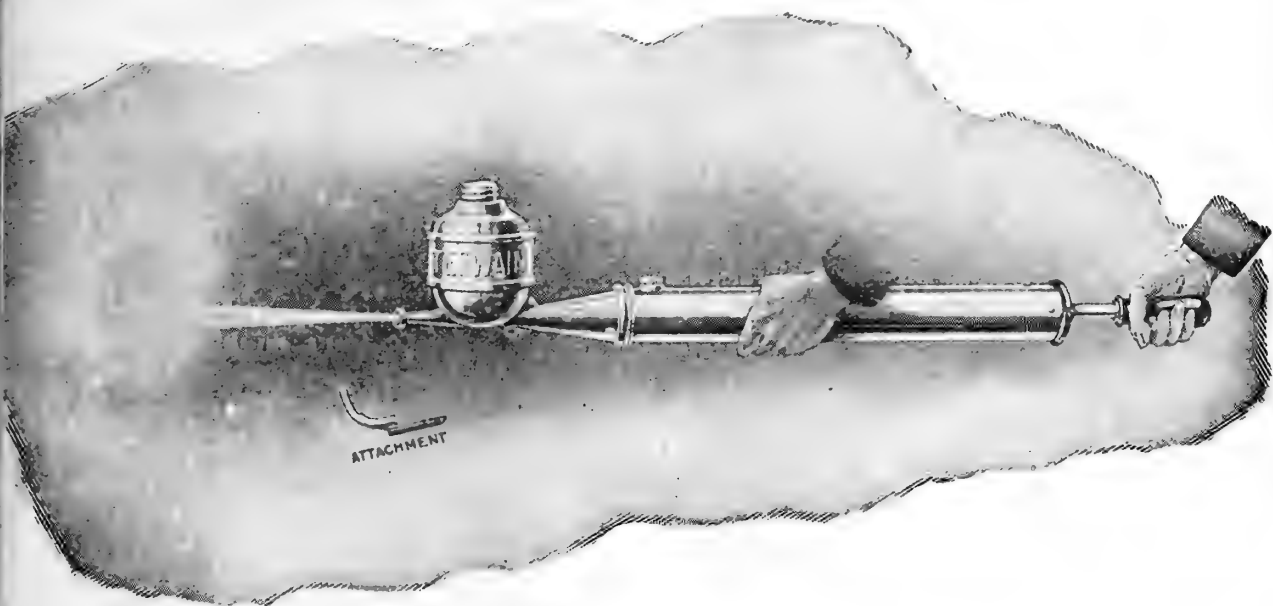
THE "SOVEREIGN" SPRAYER.



For spraying Liquid Insecticides and Disinfectants for Horticultural Domestic and Hospital use. SS20

Prices: Galvanized, 5/- each; Brass, 10/6 each. Postage 1/6.

THE "TESWAIN" HAND POWDER BLOWER.



For Dry Spraying with Sulphur, Soot, Lime, Tobacco Powder, Bordeaux Powder, etc. Also for distributing Powder Disinfectants, etc.

Made in Japanned Tinsplate. Capacity, 1 lb of Powder. A Funnel for filling is supplied with each blower. Spare Valves 1/6 each. TB20

Price, with attachment for directing spray upward, 10/6 each

BRASS TAP UNIONS.

For attaching Garden Hose to Low Pressure Tap. To fit $\frac{1}{2}$ -inch tap 2/- each. For $\frac{3}{4}$ -inch tap 3/- each. Postage 4d.

For High Pressure Taps (Caps and Linings). To fit $\frac{1}{2}$ -inch taps 1/3 each. To fit $\frac{3}{4}$ -inch taps 1/9 each. Postage 4d.



ELECTRIC
Garden Hose

*Wears longer
because it cannot kink*

$\frac{3}{4}$ -inch "Electric" Hose
1½ per foot.

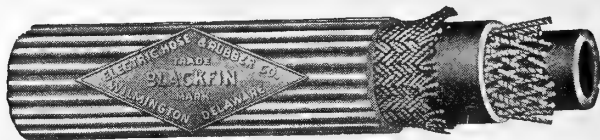
$\frac{1}{2}$ -inch "Electric" Hose
11½d per foot.

BUY
ELECTRIC
GARDEN HOSE

IT IS THE HIGHEST GRADE
MADE AND THOUGH IT COSTS
MORE IT IS CHEAPER BE-
CAUSE IT LASTS LONGER.



"BLACKFIN" GARDEN HOSE.



"Blackfin" Hose (made by the Electric Rubber Hose Co.) is a superior hose so constructed that it is impossible for it to split in the seams for there are no seams to split.

"Blackfin" Hose is built up of woven fabric and rubber as is so clearly shown by the above illustration and will withstand enormous pressure.

"Blackfin" Hose does not kink like ordinary hose although it may be knotted and twisted in the most unreasonable fashion. You would not treat a hose thus, but **"Blackfin" Hose** can stand it if you do.



$\frac{3}{4}$ inch "Blackfin" Hose, 10d per foot.

$\frac{1}{2}$ inch "Blackfin" Hose, 8½d per foot.

GOODRICH HOSE.

A fine-ribbed rubber hose of superior quality.

Try it!

$\frac{3}{4}$ inch **"Goodrich" Hose**, 10½d per foot.

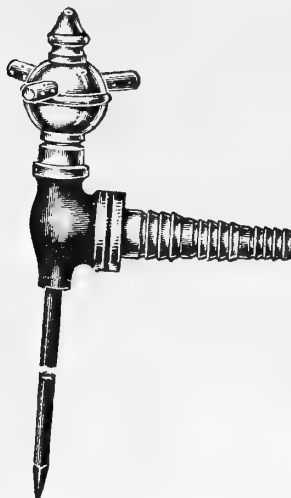
**"SLED" REVOLVING LAWN
SPRINKLER, No. 591.**



Nickel-plated Brass Head on iron sled base, which can be dragged across the lawn without damaging the turf. Brass connection tapered to take $\frac{1}{2}$ in., $\frac{5}{8}$ in., and $\frac{3}{4}$ in. Hose.

Will throw a spray 20 to 30 feet in diameter, well saturating the ground. 11/6 each. Postage 1/6. SS25

**"DEW" REVOLVING LAWN
SPRINKLER. No. 589.**



This well-known pattern needs no recommendation.

Nickel Plated Brass with Iron Spike, connection tapered for $\frac{1}{2}$ in., $\frac{5}{8}$ in. and $\frac{3}{4}$ in. Hose. 6/6 each. Postage 1/-. DS25

"MYSTO" SPRAY NOZZLE.



No 602

With connection for $\frac{1}{2}$ or $\frac{3}{4}$ inch Hose. (When ordering please state size required).

The "Mysto" Hose Nozzle can be adjusted to give a fine, medium or coarse spray, and when not in use can be completely shut off. When the straight stream is turned on a full volume of water is obtained. MN25

Price 4/6 each. Postage 6d.

**"MYSTO" LAWN
SPRINKLER**

No. 592.

This is No. 602 Hose Nozzle giving a variation of Spray.

Mounted on Brass Body and Iron Spike, with connection tapered for $\frac{1}{2}$ in., $\frac{5}{8}$ in. or $\frac{3}{4}$ in. Hose.

6/3 each.

Postage 1/-

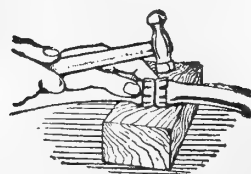


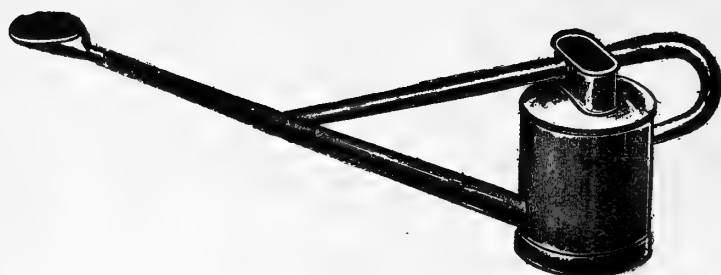
No 592



HOSE REPAIRERS.

Price For $\frac{1}{2}$ in. Hose 9d each
For $\frac{3}{4}$ in. Hose 1/- each
Postage 2d. H20





**Improved
GARDENER'S
WATER CAN**
Correct Pattern for Seed
Beds and General Use.

1 gallon 16/6 ea.

2 gallons 18/6 ea.

HP10

Supplied with two roses—different patterns.

Extra roses 4/6 each.

GALVANIZED WATER CANS

No. 1

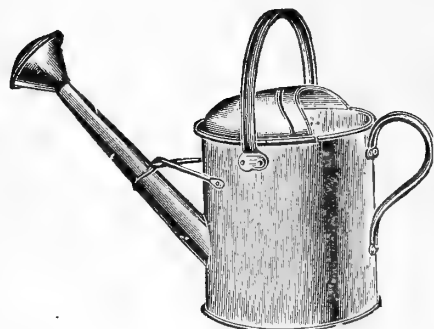
Light quality, with copper face rose.

1½ gallons 7/3 each.

2 gallons 8/- each.

2½ gallons 8/9 each

Spare Roses 2/- each.



No. 3.

Best quality with patent all copper rose.

1½ gallons 10/3; 2 gallons 11/-; 2½ gallons 11/9.

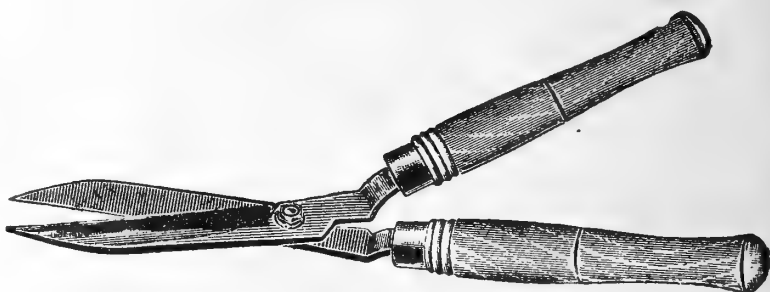
Spare Roses 2/6 each.

GC10.

GARDEN SHEARS

No. 200. 8in. Ladies'
pattern. Bright
blades. Polished
handle. GS15

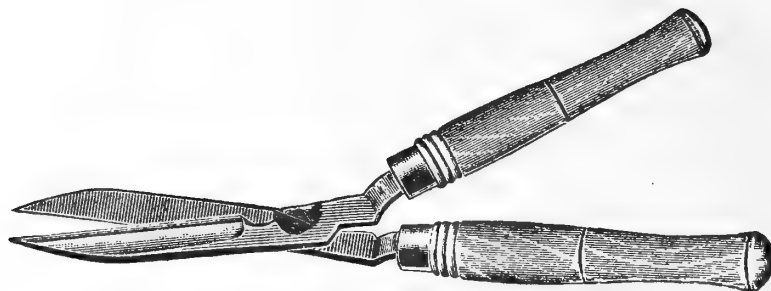
Price 3/6. Postage 1/-



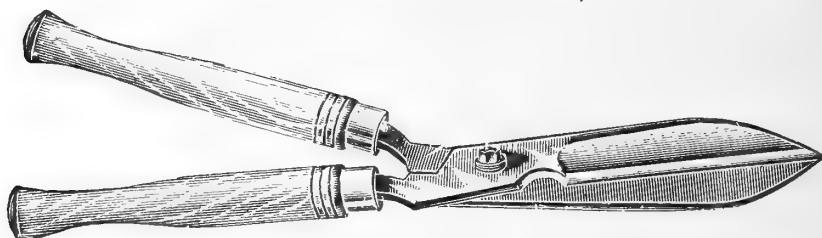
GARDEN SHEARS

No. 204. 8in. Heavy
pattern. With
wing nut. Tanged
& notched. GS15

Price 5/- . Postage 1/6
GS15



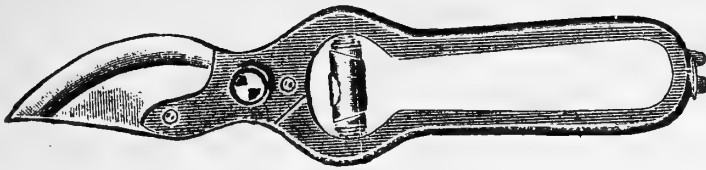
SOLID STEEL GARDEN SHEARS.



GS15

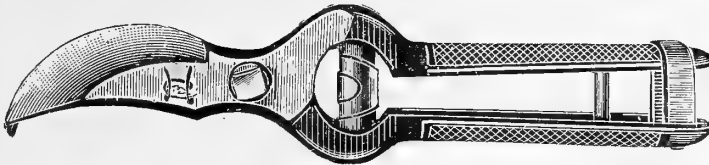
With pruning notch. 10 in. blade. Price 10/6.

SECATEURS.

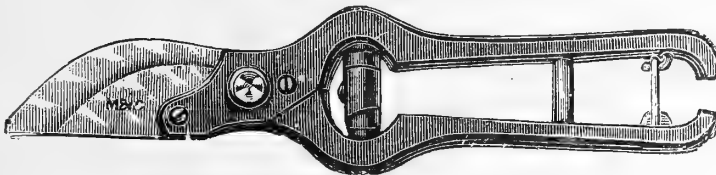


No. 222. All bright steel,
with chequered handle.
Price: 8in. 3/-. Postage 6d.
S20

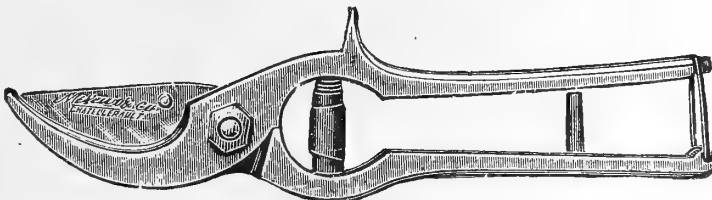
No. 223. All bright steel
with horn grips.
Price: 8in. 4/-. Postage 6d.
S20



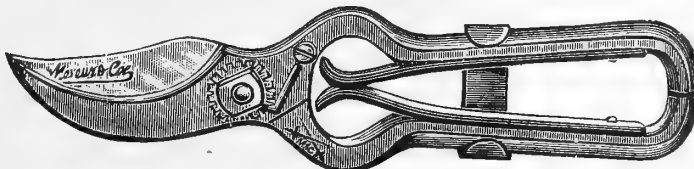
400. 9 in. long. Splendid value.
Price 3/3. Postage 6d. Spare Springs 6d. each.
S20



378. 9in. long. Black, heavy B Spring. Price 4/-. Postage 1/-.
Spare Blades 2/-. Springs 6d each.
S20

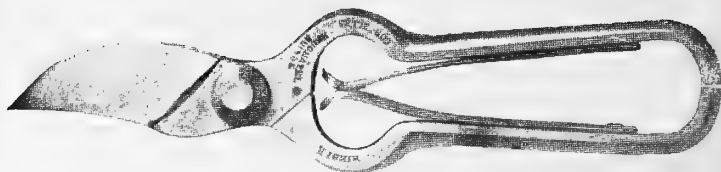


325 9 in. long. Bright, superior quality. 10/6 each. Postage 1/-.
325. 8 in. long. 9/6 each. Postage 6d.
Spare Blades 2/6. Spare Springs 6d.
S20



357. 9in. long. Bright, Rieser's Pattern, superior quality.
Price 10/6 each. Postage 1/-. Spare Blades 2/6.
S20

SECATEURS.

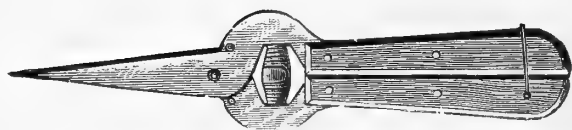
**Genuine Rieser's Make.**

8½ in. long. Bright, narrow pointed blade
specially suitable for pruning Vines.

Price 15/- each. Postage 1/-.

RS10

GRAPE AND FLOWER SECATEURS.



No. 222.

1/- each, postage 4d

9/- per doz., postage 1/-

FS20



No. 211.

2/- each, postage 4d.

18/- doz., postage 2/-

FS20

PRUNING SAW.



No. 0286. Price 2/6. Postage 6d.

S20

THE "UNIQUE" PRUNING AND
BUDDING KNIFE.GARDENER'S (1-piece) PRUNING
KNIFE.

No. 263. Stag-horn Handle.

Price 4/- post free.

PK20



Price 4/6. Postage 6d.

BK20

BUDDING KNIFE.



5078. Price 6/- ea., post free.

BK20

BUDDING KNIFE.



No 30A. Price 4/6 post free.

BK20



6122

BUDDING KNIFE.

Ivory Handle.

Price 7/6 post free.

BK20

8890

GRAFTING & PRUNING KNIFE.

Stag Horn Handle.

Price 10/- post free.

GK20

2408

PRUNING KNIFE.

Pressed Horn Handle.

Price 6/- post free.

PK20

“ARTON’S” PATENT FRUIT GATHERERS.

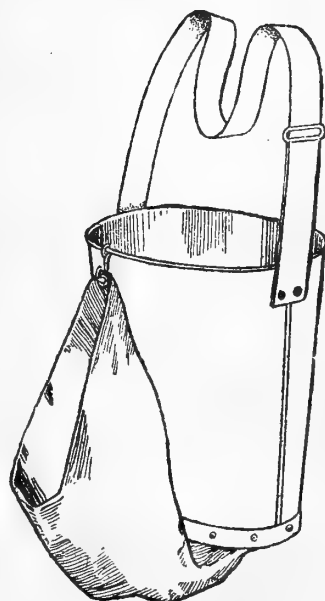
A stiff flexible metal bucket, with attached canvas trunk, caught through eyelet to hook at front, same to be released when bucket is full of fruit, to enable fruit to pass gently through trunk into receiving box or basket. Fitted with a regulated shoulder strap, for the convenience of different size boys. Specially made to gather all hard fruits, such as Oranges, Lemons, Apples, Pears, Apricots, Nuts, etc.

H. E. V. Pickstone, Esq., writes “As a result of thorough tests, ‘Arton’s’ fruit buckets are superseding all other fruit gatherers on my farms, for both citrus and deciduous. I strongly recommend them!”

Price 8/- each or 80/- per dozen.

Nett F.O.R. Observatory. Packing Free.

Can be railed at Agricultural Implements Rate.
FG7½





FLORISTS' SUNDRIES

CHAPLET WREATHS

in Dome Glass Cases.
Best quality only—all
porcelain flowers.

- 8 in. £1 each
- 10 in. £1 7s. 6d. ea.
- 12 in. £2 2s. 6d. ea.
- 14 in. £3 each.
- 16 in. £4 10s. each.

Packing extra
CA20

WIRE

PROTECTION COVERS

to fit over the Dome Glass
Cases. For 8 in. 6/-;
10 in. 7/-; 12 in. 8/6.
14 in. 10/-; 16 in. 12/6

PC5

OPAL TABLETS.

Plain 1/6 each; Printed 2/6 each; Specially Printed 3/6 each
CA20



WREATHS and CROSSES of CAPE EVERLASTINGS in Choicest Designs.

Wreaths	Posted
10 in. 7/6	10/-
12 in. 10/6	13/-
14 in. 12/6	15/6
16 in. 15/-	18/-
18 in. 21/-	24/-
20 in. 25/-	Too large for post.

Crosses	Posted
15 in. 10/6	13/-
18 in. 15/-	18/-
20 in. 20/-	23/6
22 in. 25/-	Too large for post.

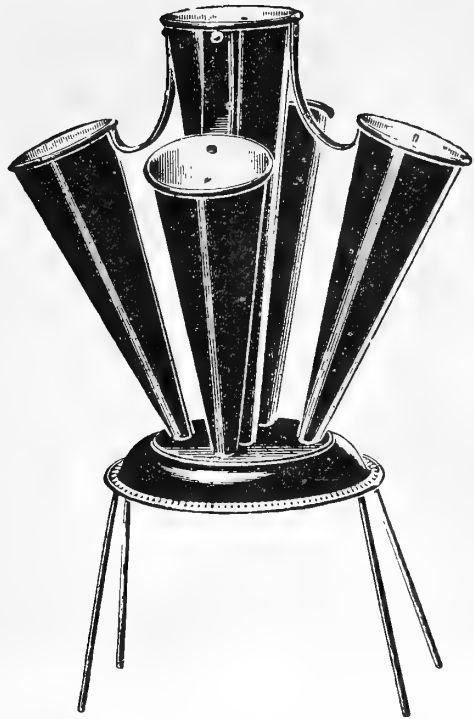
Special Wreaths.

30/-, 42/-, 63/-, 84/-,
105/-

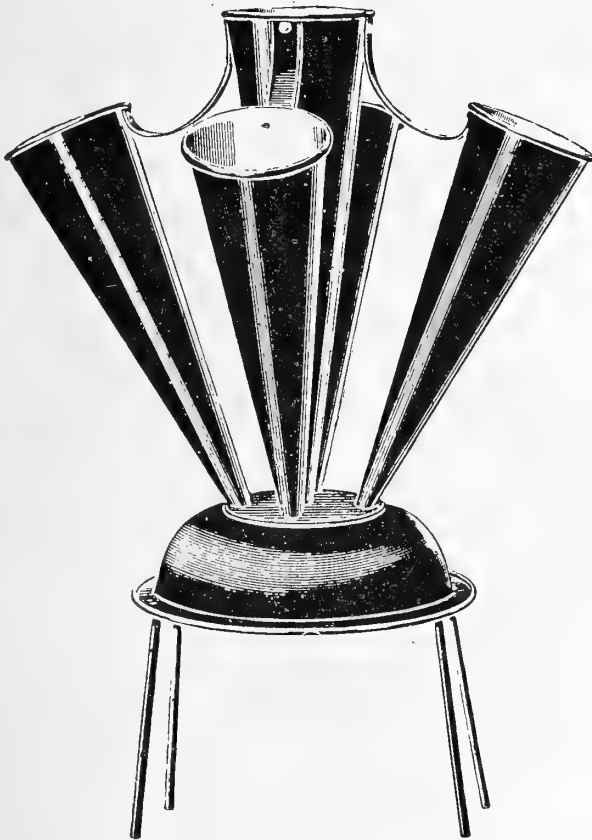
CA15



3 SPRAY VASE.
With Folding Legs.
Rivetted Stays.
Price 2/6.



5 SPRAY VASE.
With Folding Legs.
Rivetted Stays.
Price 4/6.



THE "SUPERIOR" 5 SPRAY VASE.
Extra Large.
With Folding Legs.
Rivetted Stays.
Price 6/6.



SINGLE SPRAY VASE
Japanned Green.
Gold Tipped.
Price 1/9.

**OPEN CROSS.**

24in.	x	2in.	x	2in.	7/6
21in.	x	2in.	x	2in.	4/9
18in.	x	1½in.	x	1½in.	3/6
15in.	x	1½in.	x	1½in.	3/-
12in.	x	1½in.	x	1½in.	2/9
OC15					

**ZINC TROUGHS.****Wreath Shape.**

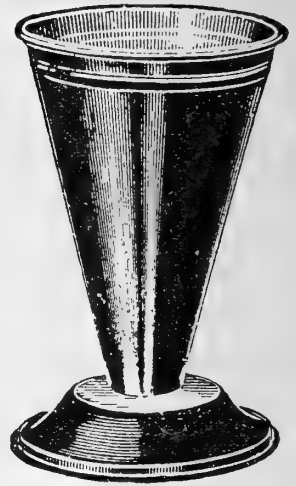
10 inch—5/6 each.

12 inch—7/6 each.

16 inch—9/6 each.

LESTER VASE.

With Folding Wire
Legs. Loose Wire
Top. Japanned
Green. Gold Tipped
Price: 2/6.
LV15

**SQUARE VASE.**

With Folding Legs
and
Loose Wire Top.
Price: 2/6.
SV15

**FLORIST'S WIRE.**

Blue annealed, 20 S.W.G., 7 in., 9 in., 12 in., in 7 lb parcels
Price. Per lb 1/-; 7 lbs 5/6; per case, 112 lbs, 62/6.

Tinned Bottling Wire for Bouquet work, 14 in. in 7 lb parcels
Price: Per lb 1/3; 7 lbs 7/-; 112 lbs 90/-.

Wiped Galvanized Annealed Bottling Wire for Bouquet work, 14 in.,
22 S.W.G., in 7 lb. parcels. **FW20**

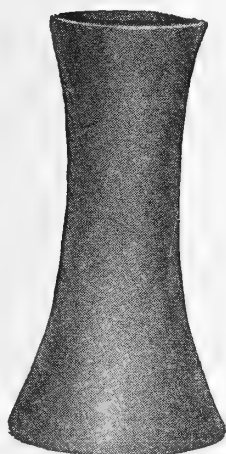
Price: Per lb 1/3; 7 lbs 7/-; 112 lbs 85/-

FLOWER POTS.

**Bamboo Bulb Bowl.**

Bronze Green and Heliotrope
(Self Colours)

Price: 7in. 3/-, 9in. 4/6 each.

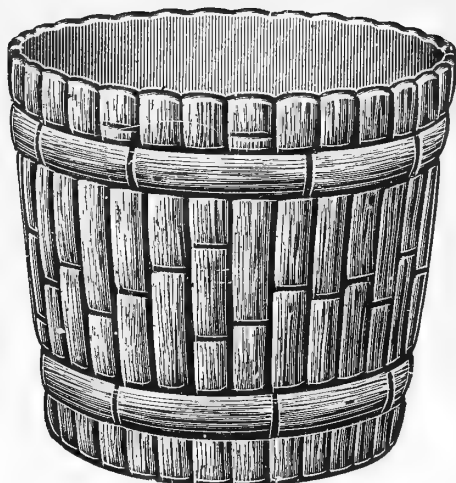
**Flower Holder.**

Self Green Colour only supplied.

Height 7in. 6in.

2/- 1/6 each.

FP20

**Bamboo.**

Bronze-Green and Heliotrope
(Self Colours)

Price: 5¼in. 1/3, 6¼in. 2/3,
7½in. 4/6 each.

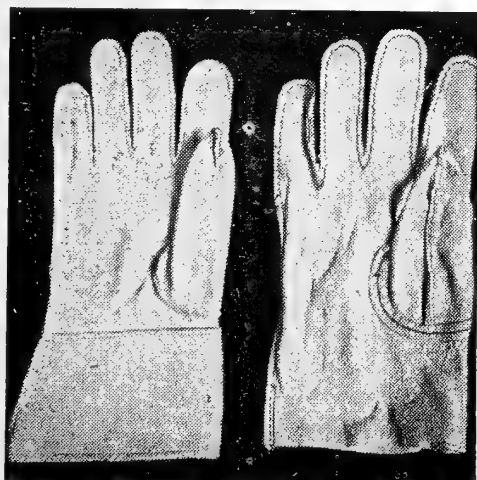
Height:

4½in., 5½in., 6½in. respectively.

**Nestle Pot.**

Moss-Green and Peacock
(Self Colours)

Price: 3in. 1/3 each.

**GARDENING
GLOVES**

Ladies'

with stiff gauntlet

5/- per pair

Large size (small men's) 6/-.

Men's

Medium Weight

5/- per pair

GG20

COTTON GARDENING GLOVES.

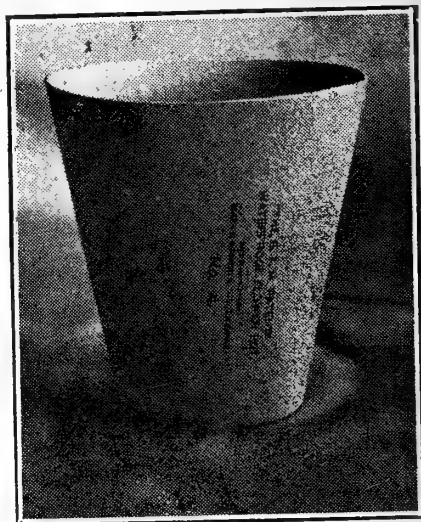
810KB.	Ladies' White Cotton with blue ribbed wrist bands	1/3 per pair
800B.	Ladies' White Gauntlets	1/9 per pair
802B.	Ladies' White Cotton with leather palms and insides of fingers	2/6 per pair
802.	Men's White Cotton with leather palms and insides of fingers	3/- per pair

GG20

FLOWER POTS.**Terra Cotta Flower Pots.**

Internal Diameter	Ea.	doz.	100
3 in. (Sankey's)	3d	2/9	17/6
4 in. (Sankey's)	5d	4/6	30/-
5 in. (Sankey's)	7d	5/6	37/6
6 in. (Sankey's)	1/-	10/6	85/-
7 in. (Sankey's)	1/9	18/-	140/-
7 in. (Local)	1/3	13/-	100/-
8 in. (Local)	1/9	18/-	130/-
10 in. (Local)	3/3	36/-	250/-
12 in. (Local)	5/6	52/6	—

FP20

**Waterproof Fibre-board Pots.**

Specially adapted to the growing of soft-wooded plants from seeds or cuttings, notably Sweet Peas, Dahlias, Chrysanthemums, Carnations and Tomato Plants. Being made of strong waterproof board, terra cotta colour, they are smart in appearance and if carefully handled can be used a second or even a third time. FP20

No. 1. 2½ in. 1/6 doz; 7/6 per 100.

No. 2. 3 in. 1/6 doz; 8/- per 100

No. 3. 4 in. 1/9 doz; 11/6 per 100.

"Long Tom." 2½ in. diam., 6 in. deep. 1/9 doz; 10/6 per 100.

BULB FIBRE.

Specially prepared for growing Bulbs indoors. Daffodils and Hyacinths can be easily grown in shallow bowls containing this Fibre which must be kept just moist but not too wet during the growing period. They may be started as early as February and you will be surprised how soon they will flower. Bring them close to the light when leaf growth has well started. BF10

Bulb Fibre.—Per lb. 9d.; 12 lbs. at 8d.; per sack 25/-.

CARNATION BANDS.

Best Grey Rubber.
Per gross 1/-; oz 2/-;
per lb 25/-

CB20

GAVIN'S GRAFTING WAX.

Superior Quality.
4½oz 1/9; 17½oz 5/-; 35oz. 7/9

GW20

**FERN BASKETS**

Price:

10 in. and 12 in.
1/6 each 2/-
10in. with frills 2/-
12in. „ 2/6

WALL BASKET
10in. with frills 2/-

PG5

BAMBOO CANES.

	2 ft.	3 ft.	4 ft.	5 ft.	6 ft.
Weight, lbs	3-4	4-6	12-14	24-26	28-32 per 100
Price	8d	9d	1/3	2/3	2/8 per doz.
„	3/-	4/-	7/-	13/6	16/6 per 100

BC20

ROOIKRANTZ PEA STICKS.

4ft. and 5ft. lengths in bundles of 50 for 2/9; 100 for 5/- PS10

WOODEN GARDEN LABELS.

Price per 100	5 in.	6 in.	8 in.	10 in.	
Heavy quality	4/6	5/6	6/-	10/6	GL20

RAFFIA.

We stock the best quality only, supplies are now available.

Raffia (Natural colour only).—Per lb 1/9, 5 lbs at 1/7½, 25 lbs at 1/6, 100 lbs at 1/5, and in bales of 220 lbs at 1/4 per lb.

RF10

BAST FIBRE.

An excellent substitute for Raffia in Nursery Work, Grafting, etc.
Price: Per lb 1/-, 28 lbs at 8d, Bales (224 lbs) at 6d. BF10

GARDENER'S PENCILS.

Woolf's Best, 6d each, posted for 8d; 5/6 per dozen, posted for 6/-.
GP20

**Use Starke's Poultry Foods**

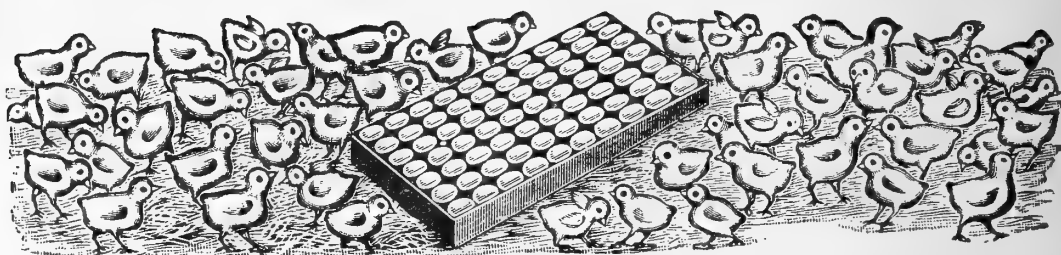
We make a **SPECIAL MIXTURE** for **EVERY POULTRY PURPOSE.**

Write now for our **FREE POULTRY BOOK** and
Special Price List.

C. STARKE & CO. Ltd., MOWBRAY, C.P.

Moe's Incubators

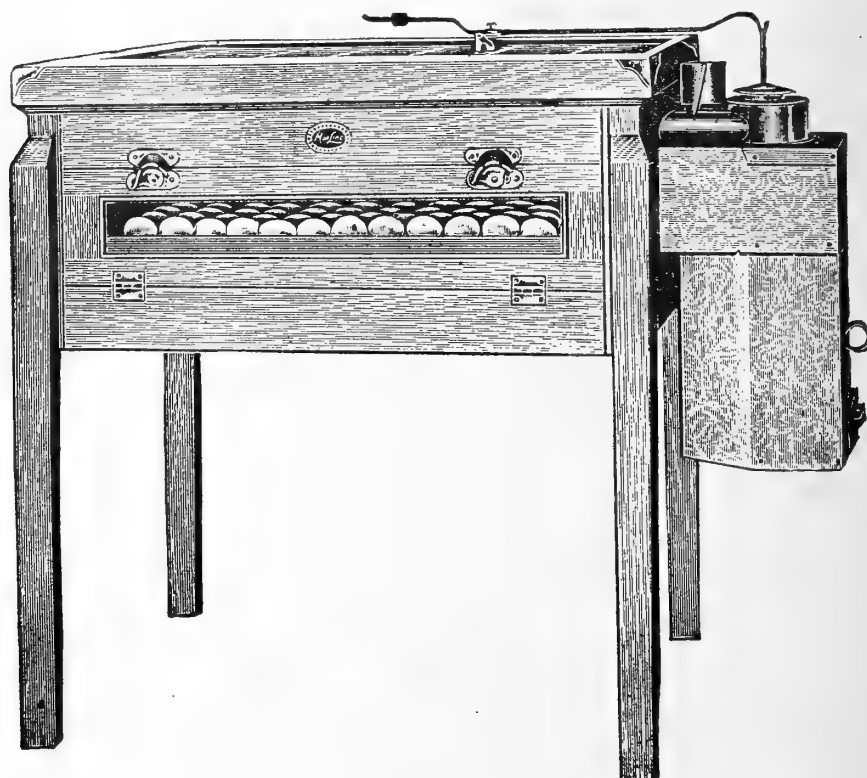
Common Sense Machines That Produce Chicks



Construction.

California Redwood is generally conceded to be the very best material for incubators, as it is an excellent non-conductor of heat and cold, does not shrink, swell or warp under extreme changes of temperature and does not absorb moisture or odours. It is therefore used in the construction of Moe's Incubators.

The Cabinet has thick double walls, with strong joints which will not come apart when subjected to heat and moisture. The top is solidly built and thoroughly insulated to retain the heat. The doors have double glass and are fitted with substantial hinges and fasteners. The legs are strong and are detachable so that the machine can be carried through a narrow door or stored in a small space when not in use. PI15



Prices:

No. 165.	Tray	15 $\frac{3}{4}$ in. x 17 $\frac{1}{2}$ in.	70 to 85 eggs	...	£5 15 0
No. 167.	Tray	21 $\frac{3}{4}$ in. x 23 $\frac{1}{4}$ in.	130 to 150 eggs	...	£7 10 0

Insulation.

The Walls of Moe's Incubators are of double construction, with a dead air space and insulating material between the outer and inner walls.

All joints are made tight and solid, to withstand the action of moisture and temperature changes.

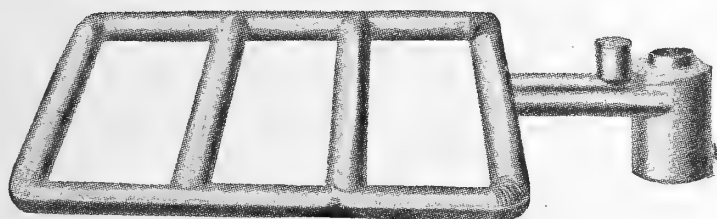
Perfectly insulated walls are absolutely essential and are fully provided in Moe's Incubators.

Moisture.

Under ordinary conditions there is sufficient moisture in the atmosphere and in the eggs to answer all practical requirements, but in very dry climates and high altitudes it is sometimes necessary to supply additional moisture. This is fully covered in the Direction Sheet which accompanies each incubator.

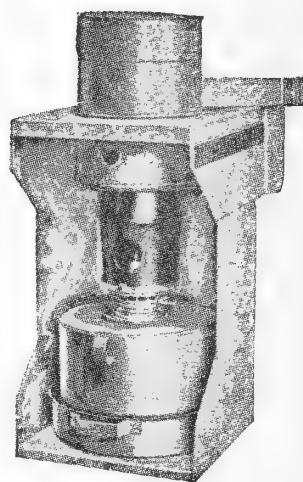
Moe's System provides an even, gentle distribution of heat and constant, uniform ventilation without excessive evaporation of the moisture in the air.

Moe's Heating System.



Pure Copper Coils and Tank.

The Heater Lamp has a heavy metal bowl of large capacity, and lamp rests in a strong galvanized housing or container which encloses it on three sides. This acts as a perfect shield and insulator, prevents any oil from coming in contact with the wood cabinet, and is an efficient protection against danger of fire. It also confines the heat where it belongs, that is under the copper tank, and makes for economy in fuel.



Heater.

The Lamp Bowl rests on a removable base, which raises the lamp to its proper height.

Hot Water Heat is without doubt the best and most satisfactory method of heating an incubator.

Moe's Incubators have solid copper tank and heating coils, with double locked and soldered seams. The water is heated in the copper tank above the lamp and then circulates through the coils, producing a soft uniform heat of the correct temperature in every part of the incubator.

The Filler Cup is securely soldered to the tank and an automatic air vent or overflow tube provides for expansion and contraction or any air pocket that might form in heating coils.

Ventilation.

The correct amount of oxygen should be supplied to the eggs at all stages of incubation and Moe's System of heating and ventilation provides for this in a thoroughly practical manner. There is perfect ventilation without excessive evaporation of the moisture in the air, which would result in weak chicks and small hatches.

Moe's Incubators are fitted with adjustable ventilators at top and bottom. The fresh air enters the bottom of the cabinet, where it is evenly diffused to avoid draughts or a strong current which might chill the eggs. This fresh air gently circulates through the nursery and egg chamber, carrying off any poisonous fumes, gases or odour and escapes through the top ventilator openings.

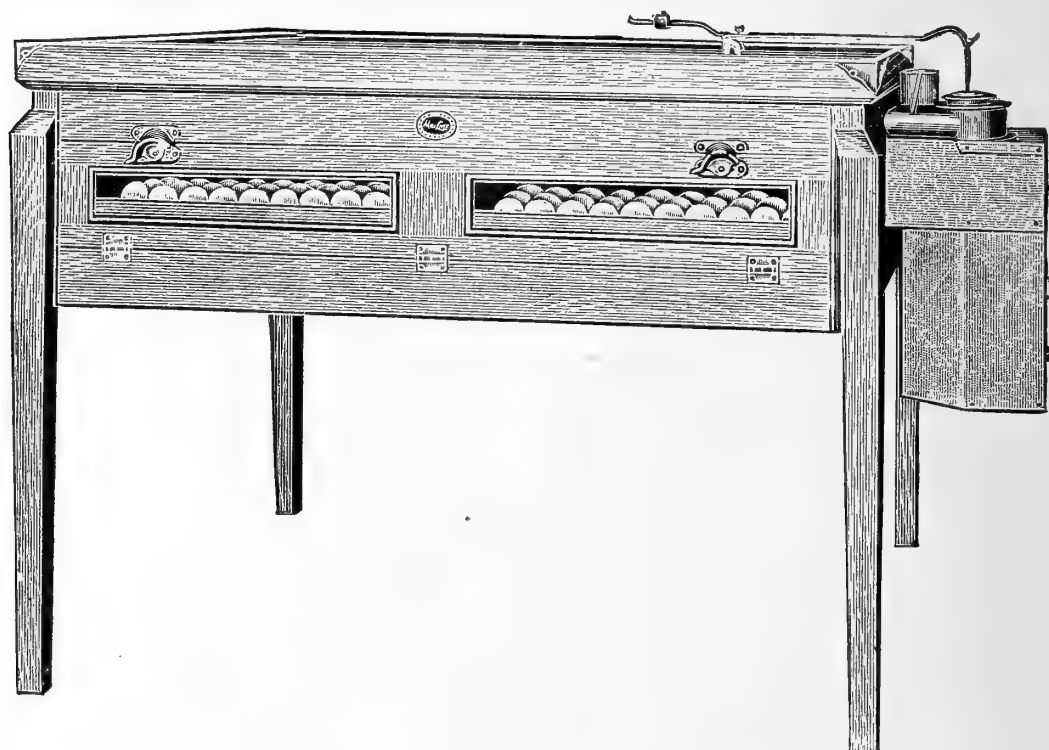
The ventilator openings are adjustable, so the amount of fresh air passing through the incubator can be easily regulated to suit varying conditions.

This method has proved far superior to side ventilators or so-called automatic ventilators, which are apt to cool the sides and corners of the egg chamber and reduce the percentage of the hatch.

APPRECIATIONS.

Villiersdorp, 12.5.28.—I have now got out the first hatch of chicks from your 400-egg Moe's Incubator and am very pleased indeed with results. It is a very easy machine to work and keeps a very even temperature and the chicks are a healthy jolly lot—more I don't want.

Villiersdorp 15.8.28.—Enclosed please find cheque for £14 10s. for the 400-egg Moe's Incubator bought from you. I am very pleased indeed and have now had 4 broods out of same and excellent results. I have recommended same to a lot of people.

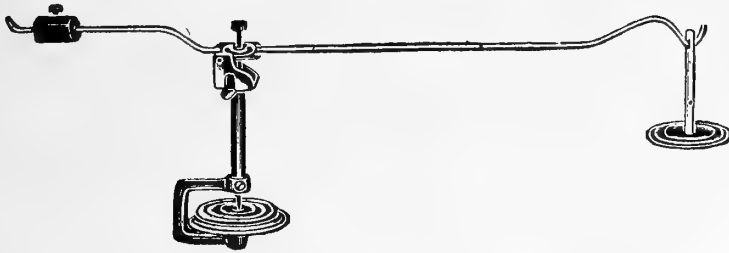


No. 168	2 Trays	16 $\frac{1}{4}$ in. x 26 $\frac{1}{4}$ in.	220 to 250 eggs	...	£10 0 0
No. 170	3 Trays	16 $\frac{1}{4}$ in. x 27 $\frac{1}{2}$ in.	350 to 400 eggs	...	£14 10 0
No. 172	4 Trays	22in. x 22 $\frac{1}{2}$ in.	525 to 600 eggs	...	£22 10 0

Delivered free on rail Rosebank Station or to any address within our local delivery radius.

PHO.

Automatic Regulator

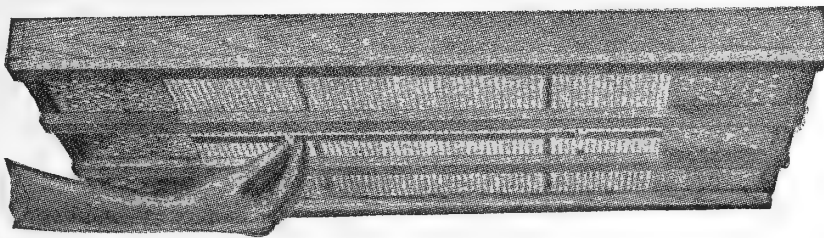


The Temperature is controlled by an automatic thermostat connected to the heater. This thermostat is sensitive to the fraction of a degree, and automatically increases or decreases the supply of heat to the incubator.

The Regulator is one of the vital parts of an incubator and must be accurate and reliable. Moe's Regulator is simple, has but few parts, and only two contact points, thus avoiding needless friction.

Has but one adjusting screw which completely governs and controls the action of the regulator. It is sure and positive in action and free from trouble.

Patented Egg Turning Trays.



The Egg Trays are extra heavy and substantial, of a convenient size, easy to handle. They are held rigidly in place by supports, yet can be quickly removed when required.

Bottom of tray is of heavy galvanized square mesh wire cloth which slides back and forth and turns over each egg with one operation.

All of the eggs are turned with one push or pull of the handle.

Easier, quicker and better than turning by hand.

Heavy wire bottoms will not sag and are easy to keep clean.

At hatching time gates in the trays permit the chicks to drop to the nursery trays if desired, so it is not necessary to transfer the eggs to separate trays.

Chick Nursery.

The Nursery Trays have a strong wood frame, covered with burlap, which gives the chicks a sure footing, and prevents them from injuring their legs.

An incubator is not complete without a roomy nursery kept at the correct temperature. This is much better than having the chicks floundering in a mass of broken egg shells. Chicks should be kept in the nursery until perfectly dry before being transferred to the brooder or hover.

Hearson's

Incubator

"The best in the world"

For over forty years Hearson's Incubators have been giving reliable service—setting a standard for the world in Incubator requirements.

The machine is entirely automatic in regulation, giving a constant, uniform hatching temperature in the egg chamber regardless of extreme changes in external atmosphere. Correct humidity and ventilation are maintained without undue variation.

Hearson's Incubator hatches every hatchable egg under ideal conditions, thus ensuring strong, healthy and vigorous chickens which are easy to rear.

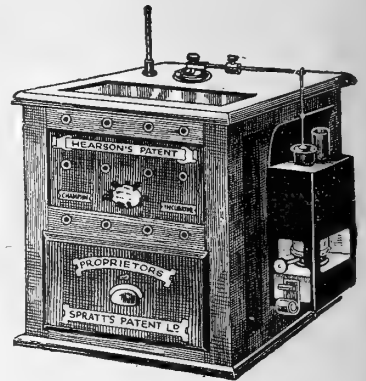
Hearson's Incubators require the least expenditure in operating cost and time and can be used at any altitude and in any climate, special capsules being provided for altitudes above 1000 feet above sea level. When ordering, the altitude should be stated.

Model No. 5—60 egg size.

(Without Drying Box).

Price: £9 5s. f.o.r. Rosebank or delivered within our local delivery radius. Less 5 per cent. for **Cash With Order**.

State your altitude when ordering.



Model No. 6—60 egg size.

(With Drying Box).

Price: £11 f.o.r. Rosebank or delivered within our local delivery radius. Less 5 per cent. for **Cash with Order**.

Model No. 11—120 egg size.

(With Drying Box).

Price: £16 10s. f.o.r. Rosebank or delivered within our local delivery radius. Less 5 per cent. for **Cash with Order**.

Spares: Tank Thermometers for No. 5 or No. 6—8/6 each. No. 11—10/6.

Drawer Thermometers for Nos. 5, 6 or 11—7/6 each.

Chimneys for Nos. 5 or 6—2/-; No. 11—2/6 each.

Reservoir, burner and chimney, No. 5 or 6—22/6, No. 11—39/6

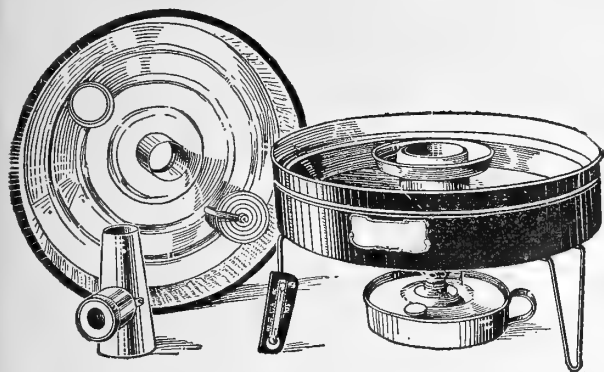
Wicks for Nos. 5 or 6—4d; No. 11—5d each.

Capsules—15/- each

Larger machines quoted on application.

THE "MODEL" IMPROVED CYCLE HATCHER.

A Twentieth Century Wonder.



**50-Egg Incubator Complete,
ready for operation.**

Only need to fill oil well once during hatch.

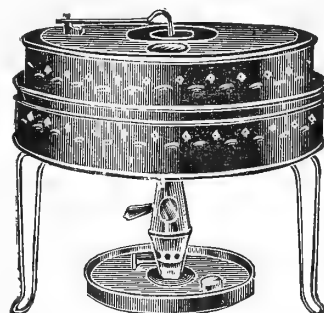
Holds 50 Eggs. Constructed entirely of metal except insulation; self regulating; requires no supplied moisture; will last a life time.

Complete directions with each machine.

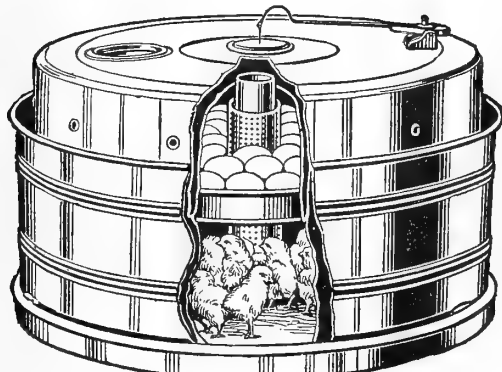
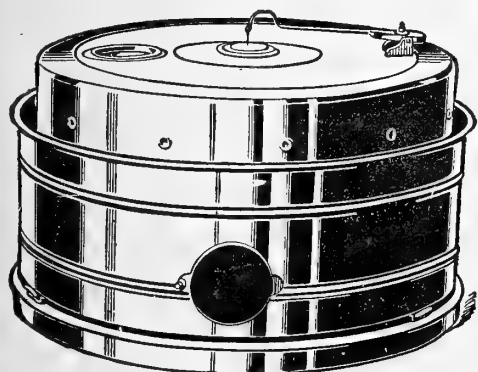
The supply of heat in the "Model" Improved Cycle Hatcher comes from the centre and is radiated in all directions, carrying with it an abundant supply of fresh heated air, which is required to travel only six inches to reach every egg in the nest. The heat is governed by a three-inch wafer regulator which is placed so close to the eggs that it is sensitive to the natural heat of the growing embryo in the egg as well as the heat from the lamp.

One grand feature of the "Model" Improved Cycle Hatcher is, there is no lifting of the top of machine to see the thermometer. By a simple device used the operator can see through a glass window without touching it, also any stage of the hatching can be watched from the pipping to the tumbling out of the shell, a very interesting study.

Price: Complete with long-burning safety lamp, automatic regulator, tested incubator thermometer and direction booklet, £2 10s. Less 5 per cent. for Cash with Order. Spare Wafers 5/- each. CH15

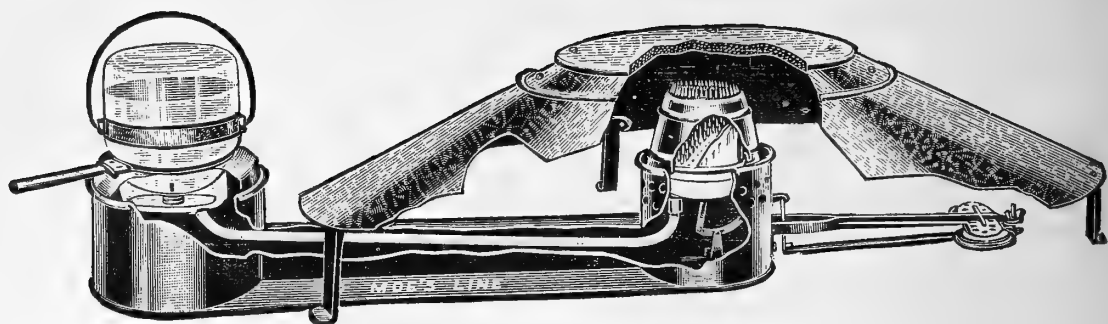


THE CYCLE BROODER-HATCHER.



Price: Complete with long-burning safety lamp, automatic regulator, tested incubator thermometer and direction booklet, £3 3s. Less 5 per cent. for Cash with Order. Spare Wafers 5/- each. CH15

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.



MOE'S OIL BURNING BROODER.

Moe's Automatic Brooder uses Paraffin as fuel, and gives a steady, even warmth without fumes or gases. Has a wickless blue flame burner, with perfect combustion.

Oil Reservoir is of glass, capacity one gallon.

The Thermostat automatically regulates the flow of oil by raising or lowering the burner to a point above or below the oil level in the reservoir.

The Canopy is made of heavy galvanized iron, in sections knocked down, and is easily put together. A thoroughly reliable brooder, is easily adjusted to any desired temperature, and automatically maintains this temperature at all times. PB15

No.	Size	Capacity	Weight	Price
225	32in. Canopy	300 Chicks	36 lbs	£4 12 6
226	42in. Canopy	500 Chicks	42 lbs	£5 10 0
227	52in. Canopy	1000 Chicks	49 lbs	£6 5 0

Spare Parts Stocked.

Glass Reservoirs 12/6. Reservoir Valves 3/6.

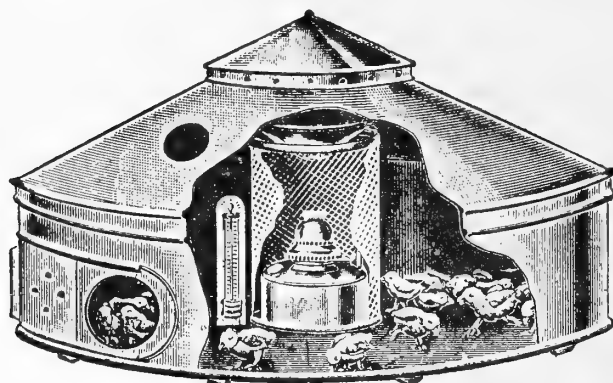
Asbestos Wicks 2/6 and 3/6 each.

THE "QUEEN MOTHER" BROODER.

Mica

Window

In Top.



Price:

50 Chick Size:

37/6

100 Chick Size:

50/-

This Brooder is a well-tested appliance, being fire-proof, vermin-proof, storm-proof. Fitted with Silver's Best Fumeless Burner (chimney-less), chick guard, sliding chick entrance, thermometer, etc. No bottom heat, and well ventilated. All complete. Top removes for cleaning.

Spare Thermometers 3/-, Wicks 4d and 5d each, Burners 5/- each.

QM10

FIVE PER CENT. CAN BE DEDUCTED IF CASH IS SENT WITH ORDER.

THE "LAWN PARK" COOP

Saves the Chicks.

IT TELESCOPES

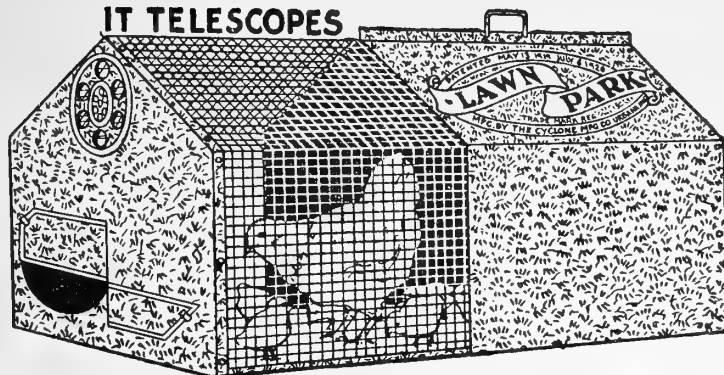
Gives

Perfect

Ventilation

and

Sanitation.



The Park

Pushes In

Like a

Bureau

Drawer.

(Park Extended)

The wire pulls out like a bureau drawer and is made from heavy galvanized hardware cloth. The main coop made from strong 28 gauge galvanized iron. Size of coop: when park is fully extended as shown in cut above, it is 18 inches wide, 19½ inches high and 48 inches long. When park is closed down it is 24 inches long.

A small door is provided to let small chicks only have full range as desired. LP15

**Protects the Chicks from Hawks, Rats, Weasels, Vermin.
Cold, Storms, etc.**

Price 25/- each.

THE "SAFETY" BROOD COOP.

Sent

out

flat



Quickly

set

up.

Made of best quality galvanized iron. The bottom is removable for cleaning purposes.

Provides a safe shelter for the hen and her chicks.

The combination door can be adjusted to keep the hen and chicks in or to let the chicks free without the hen or to give both their freedom. Ample ventilation is provided.

Size: 16 in. wide, 23 in. long, 16 in. high.

Price: 15/- each.

PC15

THE "SUPER" DRY MASH HOPPER.

A Dry Mash Hopper of great merit, made of heavy galvanized iron. All parts accurately stamped with dies. The curved bottom keeps the feed within easy reach of the birds, and the taper shape of the hopper—larger at the bottom—prevents the feed from clogging.

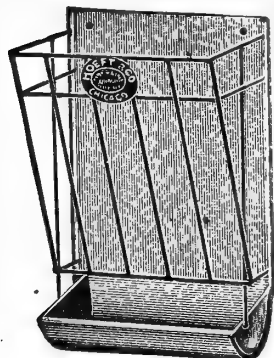
The wire grid and the wires running from the flange through the wire grid prevent the fowls from throwing out or wasting the feed.

The sloping top prevents them from roosting on the hopper.

When both covers are closed it is rat, mouse and weather proof. PP20

No. 35. 19 in. high, $8\frac{1}{2}$ in. wide, $2\frac{1}{2}$ gallons. 12/6 each.

No. 36. 19 in. high, 12 in. wide, $3\frac{1}{2}$ gallons. 15/- each.



POULTRY VEGETABLE RACK.

Made of best quality galvanized iron, with galvanized wire rack. A practical device for holding roots, cabbages, sprouted oats, lucerne, etc. It prevents scattering and wasting the food.

The feed saved soon pays for the rack. PP20

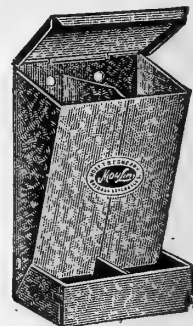
No. 44. Price: 6/6 each.

GRIT AND SHELL BOX.

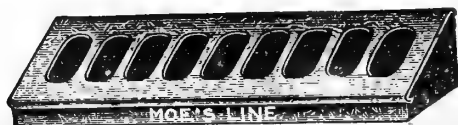
This splendid grit hopper has two compartments and is made of strong galvanized iron. PP20

No. 45. Height 8 in., width 5 in.

Price: 3/6 each.



SINGLE FEEDING TROUGH.



For chicks and growing stock. Accurately stamped with dies. No rough edges, and can be hung on the wall. Sliding top. PT20

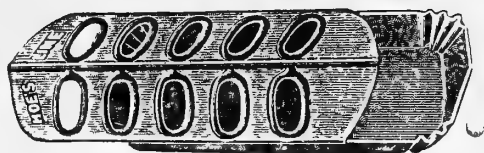
No. 55. Length 12 in. Price: 2/3 each.

THE "ECLIPSE" FEEDING TROUGH.

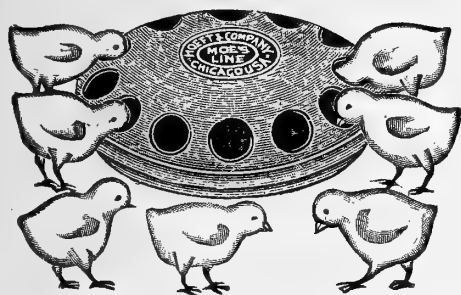
For chicks and growing stock. Accurate stampings. No seams, rivets or solder. Sliding top, easy to fill and keep clean. PT20

No. 27. Length 10in. Price: 2/3 ea.

No. 28. Length 20in. Price: 3/6 ea.



THE "BABY" CHICK FEEDER.



A great feed saver, and can also be used for water or milk. Accurately stamped with dies. Top fits snugly, yet is easily taken off for filling and cleaning. PT20

No. 11. Diam. 6in. with 8 holes.

Price 1/- ea. Postage 4d extra.

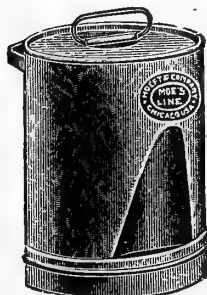
BOTTOM FILL FOUNTAINS.



The round taper shape prevents damage from freezing. Made in two pieces accurately formed. Easily filled and cleaned. PF20

No.	Capacity	Each
19 ...	1 Quart	2/3
20 ...	2 Quarts	3/6
24 ...	1 Gallon	4/6

THE "PERFECTION" WALL FOUNTAIN.



Practical and convenient fountains. Heavy galvanized iron. PF20

No. 26. Capacity 1 gallon with removable bottom so can be easily cleaned.

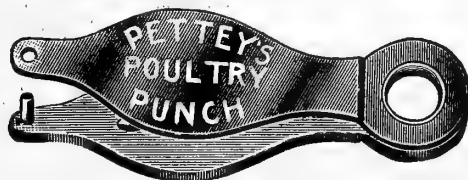
Price: 6/- each.

POCKET POULTRY PUNCH.

For Toe Marking Young Chicks.

Price: 1/3 each, post free.

PP25



THE "SOLO" FOUNTAIN.

USE YOUR OWN BOTTLE.

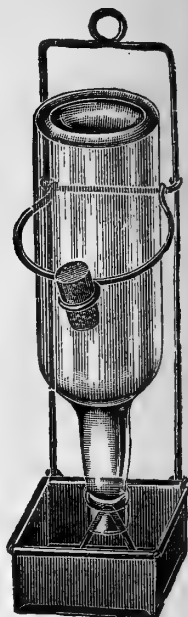
Zinc Hinged Base and Wire Back. Will hold any pint wine or spirit bottle.

(Please note we do not supply the bottle).

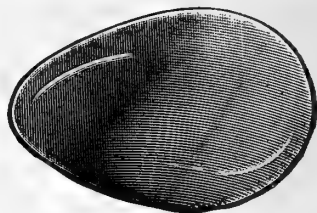
"Solo Fountain," to hold one bottle, 1/6 each.

"Twin Fountain," to hold two bottles, 2/6 each.

PF20



CHINA NEST EGGS.



White porcelain, natural in appearance and uniform in size. Will not easily break.

They induce the hen to lay where she should—in the nest provided for her. PX20

Price: 3d each, 2/9 per doz.

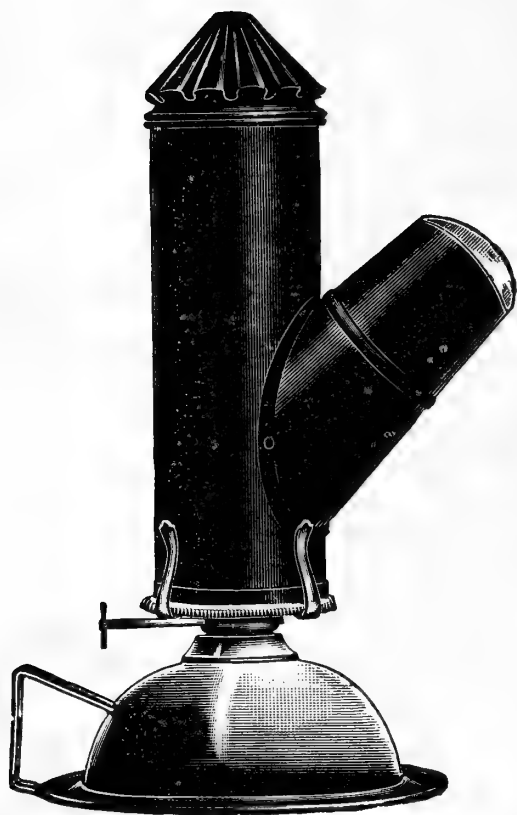
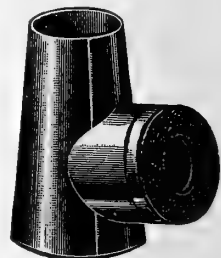
MOE'S EGG TESTER.

To test the fertility of eggs during the period of incubation. Used with an ordinary lamp in a dark room.

It will illuminate the interior of the egg and show if the chick is alive, and also shows the size of air cell in the egg. Made in one size only.

No. 48. Moe's Egg Tester, 2/3 each.

ET20



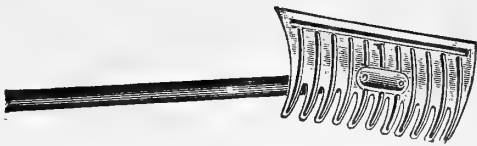
EGG TESTING LAMP.

With brass oil container and powerful lens, complete as illustrated. EL20

Price: 9/6 each.

THE POULTRYMAN'S HANDY SCRAPER.

A very useful implement for quickly cleaning off the dropping boards in poultry houses. It is double sided, the rake being used daily for removing droppings while the back is used as a scraper when the boards are to be re-sanded.



Price: 3/6 each.

PX20



THE "IDEAL"
DAY OLD CHICK BOX.

For sending live chicks by post or rail. Absolutely safe and very light though strong. The finest box we have seen for this purpose.

To carry 12 chicks.

Price:

1/6 each, 15/- dozen.

Postage extra:

6d on one; 4/6 on a dozen.

CB20



JUDGING STICKS.

Telescopic Principle—No. 4—For Poultry (Four Joints)

Price: 7/6 posted.

JS20



No. 39.

Moe's Ideal Punch. A new improved punch, scissors type. Works easily, cuts clean and does not pinch the foot.

Convenient to carry in vest pocket, and the lower end is an excellent cigar cutter.

The illustration shows the sixteen different marks that are possible in toe punching.

Nickel Plated Finish. Length 3½ in.

No. 39. Ideal Punch. Price 3/- each, postage 2d. PP20



SPIRAL PATTERN CELLULOID POULTRY RINGS.

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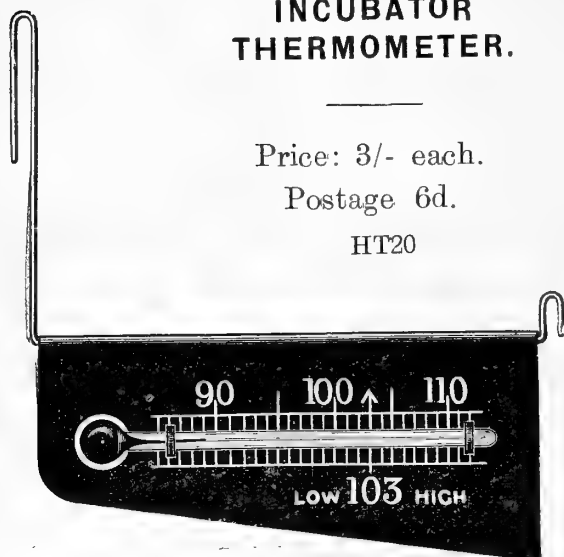
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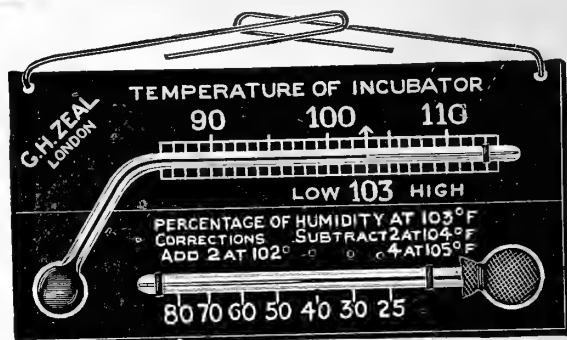
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**Points to be observed when using the Humidity Gauge.**

I.—The Tank must be kept filled with clean water (preferably rain-water), and the cotton wick, which conveys the water to the bulb, must be kept clean, otherwise the moisture will not syphon to the bulb. Should the wick be

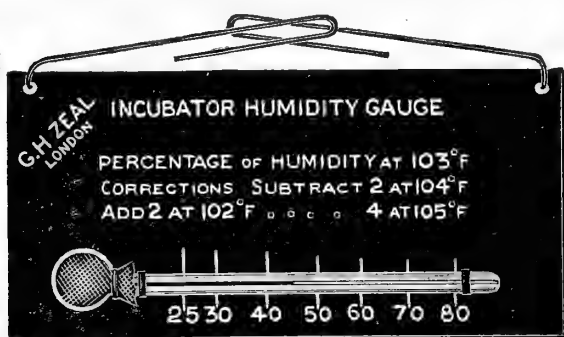
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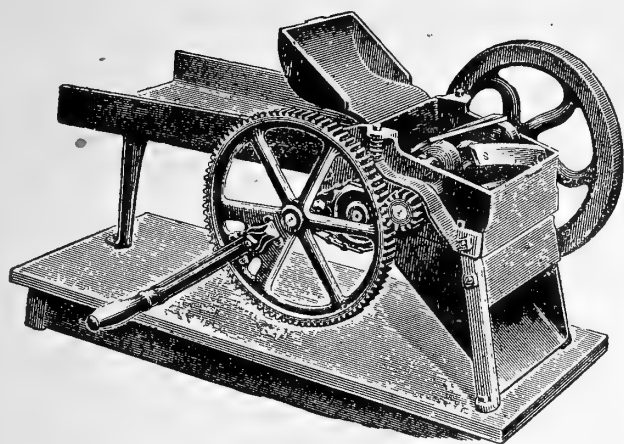
come clogged, it should be replaced by a new one, supplied with each instrument.



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II.—The instrument should be placed in the egg trays, so that it takes the place of one of the eggs and records the actual conditions which surround the eggs.

HG20



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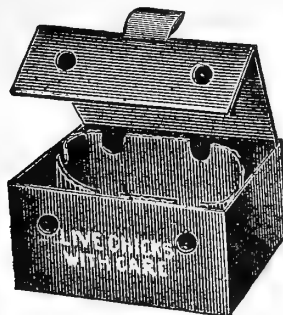
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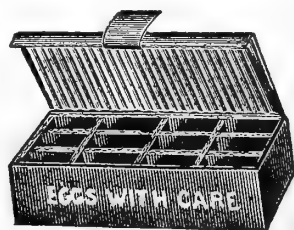
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